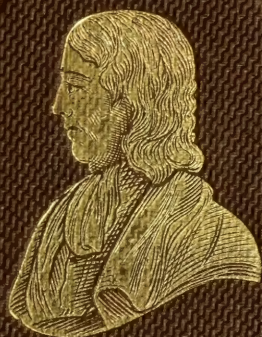


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Vol. 82*

BIBLIOTHECA THERAPEUTICA,

OR

BIBLIOGRAPHY OF THERAPEUTICS,

CHIEFLY IN REFERENCE TO

ARTICLES OF THE MATERIA MEDICA,

WITH

NUMEROUS CRITICAL, HISTORICAL, AND THERAPEUTICAL ANNOTATIONS,

AND AN APPENDIX CONTAINING THE BIBLIOGRAPHY OF

BRITISH MINERAL WATERS.

BY

EDWARD JOHN WARING, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON, FELLOW OF THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND, LATE SURGEON IN
HER MAJESTY'S INDIAN ARMY.

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P R E F A C E

TO

S E C O N D V O L U M E.

IN issuing the second and concluding volume of the '*Bibliotheca Therapeutica*,' I feel it due to myself to offer a few remarks in explanation of the delay which has occurred in its completion. This has been mainly due to a mistaken calculation on my part as to the time requisite for preparing the three copious indexes, (extending over 120 pages) with which this volume concludes, and which have entailed a far greater amount of labour than was originally anticipated. The labour and consequent delay will, however, it is confidently believed, be fully counterbalanced by the additional value these indexes impart to the book as a work of reference. Thus, with the Index of Diseases before him, the student has a bird's-eye view of the principal remedies recommended from time to time in the treatment of individual diseases, and the dates of their respective employment; whilst further reference to the body of the work, in the manner pointed out in the index, will disclose the name of the authority, and other particulars of special interest to the pathologist and therapist.

With every endeavour to preserve throughout the work, uniformity in the orthography of foreign surnames, it has been found almost impossible to accomplish this with satisfaction in several instances. Many of the names have, as a matter of necessity, been taken from catalogues of current literature, and those acquainted with this class of works well know how frequently inaccuracies and

discrepancies in the orthography of surnames occur. The French rendering of German and the German rendering of French names are equally confusing. This point came prominently to the front in preparing the Index of Authors, and much delay, as well as anxiety, has it cost me. As a general rule, it may be taken for granted that, where minor differences (beyond those noticed in the list of corrigenda) are found to exist between the names in the body of the work, and those in the index, the latter, having been subjected to stricter scrutiny, may be regarded as the more correct.

Another point in connection with the Index of Authors requires a word of explanation, viz. the omission of capitals to German nouns. It having been decided, in this index, to exclude all capitals excepting to proper names, this rule has been applied to German substantives, contrary to the generally received custom; and I may add that this innovation (for such it is) has not been adopted without consultation with those well versed in German literature.

In conclusion, I desire to record my grateful acknowledgments to those friends who have rendered me essential service in seeing the sheets of this volume through the press; they are specially due to Mr. J. A. Broun, F.R.S., and his family, to Mr. B. R. Wheatley, the Resident Librarian of the Royal Medical and Chirurgical Society; and to my nephew, Mr. Edward E. Nicholson, of Worcester College, Oxford. I would also tender my best thanks to Dr. John Macpherson for numerous valuable notes relating to works on the various Mineral Waters of Great Britain.

E. J. WARING.

LONDON,

June 14th, 1879.

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BIBLIOTHECA THERAPEUTICA.

PART SECOND.

(Continued.)

ARTICLES OF MATERIA MEDICA ARRANGED ALPHABETICALLY—(Continued).

FAGUS SYLVATICA, Linn.

The Beech.

1700. EYSSON, R. Diss. de Fago. Groningæ, 12mo.

1826. CASPARI, K. Untersuchungen über die spezifischen Heilkräfte der Buchenkohle (Beech charcoal) und deren Anwendung gegen Krankheiten. Leipzig, 8vo.

Most of Caspari's works are homœopathic; whether this one partakes of the same character I have no means of ascertaining.

1852. KRUMM, M. Diss. chemica de partibus anorganicis Fagi sylvaticæ et Carpini betuli. Bonn, 8vo, pp. 35.

FEL. BILE.

As a Therapeutic Agent.

1704. HOFFMANN, F. De Bile medicina et veneno corporis. Hallæ, 4to.

1741. ZELLER, J. G. De Bile et ejus usu medicamentoso. Pragæ, 4to.

1752. KALSTCHMIDT, —. Diss. de Bilis interno et externo usu medico. Jenæ, 4to.

1794. REICHE, C. *Fel Taurinum inspissatum e numero præstantium anthelminticorum expungendum esse. Francof. ad Viad. 4to, pp. 20.

1846. CLAY, C. Observations on the use of Inspissated Ox-gall in the treatment of various diseases, particularly those in connection with derangement of the digestive function, deficiency or vitiated secretion of bile, habitual constipation, habitual diarrhœa, indigestion, and other results of sedentary employment. London, 8vo, pp. 16. *Bibl. Med.-Chir. Soc.*

The title speaks for itself; it is described as a very interesting pamphlet in *London Med. Gazette*, August 21st, 1846, p. 337, where a summary of its contents is given.

FERRUM.

Iron and its preparations generally.

1580. FRAMPTON, J. Joyfull Newes out of the New-found World, &c., being a translation from the Spanish of Dr. Monardes; where-unto are added three other bookes treating of.....3 the properties of Yron and Steele in Medicine. London, 4to.
Bibl. Coll. Surg. Lond.
1649. BOURGES, J. DE. *Ergo obstructo lienī Chalybs. Paris, 4to.
1654. DRELINCURTIUS, C. An affectioni Hypochondriacæ Chalybis usus? Monspel. 12mo.
Bibl. Coll. Phys. Edin.
1658. MICHAELIS, J. *Anatomia Martis seu Dissertatio medico-chymica de Ferro. Resp. E. Schmidt. Lipsiæ, 4to, pp. 60.
Bibl. Banks.
1665. BAUSCH, J. L. Schediasmata bina curiosa de lapide Hæmatite et Ætite. Lipsiæ, 8vo.
Bibl. Linn. Soc.
1672. KRAUSSEN, R. W. *Mars salutifer omnigenorum morborum debellator. Præs. A. S. Scholzen. Jenæ, 4to.
1675. PELLETIER, N., et GIRARD, J. R. *Ergo magnis lienibus Ferrum. Paris, 4to.
1682. JANI, J. F. *De Martialium operandi modo. Ultraject. 4to.
1683. VATER, C. *De virtute Martis adstrictoria et aperitiva. Wittembergæ, 4to.
1685. BEUTTEL, J. G. *De medicamentis Martialibus. Præs. J. M. Hoffmann. Altdorff, 4to.
1686. PRICE, J. *De Marte. Hardervici, 4to.
Bibl. Med. Chir.-Soc.
1688. JÜRGENS, J. Autoschediasma de Vitriolo. Copenhagen, 12mo, pp. 130.
Bibl. Banks.
1692. CHIRAC, P. An Incubo Ferrum rubiginosum? Monspeli, 12mo.
1701. HOMBERGK, J. P. *De Marte et remediis Martialibus. Marburgi, 4to.
1703. ROBERG, L. De Vitriolo. Resp. J. Moræus. Upsaliæ, 4to, pp. 22.
Bibl. Banks.
1711. WEPFER, B. *De medicamentis Chalybeatis, eorumque virtute contraria aperiendi scilicet obstruendi, &c. Præs. D. Nebel. Heidelbergæ, 4to (in *Haller, Disp. Med. Pract.*, vii, p. 165.)
Bibl. Med.-Chir. Soc. (Haller).
1713. VESTI, J. *De Martialium natura, usu et abusu ad neoteriorum mentem. Præs. J. S. Vogel. Erfordii, 4to.
1713. ZANNICHELLI, J. J. De Ferro ejusque nivis præparatione, &c. Venetiis, 4to. Alt. ed. 1719.
Bibl. Coll. Phys. Edin. (ed. 1719); *Manchester Med. Soc.* (1713).
1715. EISENMANN, G. H. *De medicamentis Martialibus. Præs. J. S. Henninger. Argentorati, 4to.

1718. SEYFFERD, H. C. *Paradoxum medicum, quod sit in Marte quidquid quæerunt medentes.* Erfordiæ, 4to.
1731. GERDING, J. U. **De Marte et remediis metallicis.* Harderv. 4to. *Bibl. Roy.*
1734. BLECOURT, J. A. DE. **De Ferro.* Duisburgi, 4to. *Bibl. Roy.*
1736. GOURRAIGNE, H. **De Ferri usu et abusu in medicina.* Montpellier, 8vo.
1738. FINDEISEN, J. C. *Diss. chimico-medica de Ferro.* Præs. D. M. Alberti. Halæ, 4to, pp. 19. *Bibl. Banks. (sub nom. Alberti).*
1738. BOSE, G. M. **Diss. de Marte congelante.* Lipsiæ, 4to.
1738. JUSSIEU, A. DE. **Herbis an Ferro promotior tutiorque abscessuum a congestione curatio.* Resp. L. Ferret. Paris, 4to.
1739. LAVINGTON, A. **De Ferro.* Lugd. Bat. 4to, pp. 30. *Bibl. Med.-Chir. Soc.*
1742. DEHN, J. *Diss. medica de Ferro chymicè et medicè considerato.* Erfordiæ, 4to, pp. 28. *Bibl. Banks.*
1748. WEBER, J. J. *De remediorum Martialium interno usu.* Halæ, 4to.
1749. LEHMANN, J. D. *De viribus et usu Ferri in medicina.* Præs. A. E. Buechner. Halæ, 4to. *Bibl. Med. Soc. Lond.*
1751. LOEBER, F. E. **De præstantia Martis in morbis chronicis.* Jenæ, 4to.
1753. WRIGHT, E. **De Ferri historia naturali, præparatis et usu medico.* Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1759. CARTHEUSER, J. F. **Diss. de crocis Martialibus.* Francof. ad Viad. 4to.
1761. LABBE, H. **Specimen chemico-medicum de Marte.* Lugd. Bat. 4to, pp. 36. Idem. in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 39, p. 385. *Bibl. Banks; Med.-Chir. Soc. (Schlegel).*
Treats chiefly on the physical characters and chemical history of iron. The medical portion, which is quite subsidiary, presents nothing original, and little that is noteworthy beyond some quotations from Van Swieten, Boerhaave, &c., on the use of iron in chlorosis, &c.
1768. KÄHLER, L. S. **De Ferro ejusque præcipuis præparatis.* Lipsiæ, 4to, pp. 32. *Bibl. Med.-Chir. Soc.; Banks.*
1771. RIESENBERGER, J. P. *De Ferro et nonnullis inde originem petentibus medicamentis.* Gottingæ, 4to. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
1773. GMELIN, J. F. **Diss. chemico-medica: an adstringentia et roborantia strictè sic dicta, Ferro principio suam debent efficaciam?* Resp. C. H. Hoelder. (In *Baldinger, Sylloge*, ii, p. 159). Tubingæ, 4to. *Bibl. Acad. Edin.; Med. Soc. Lond. (sub nom. Hoelder).*

1776. KHEIMB, S. E. *De Ferro. (In *Fascic. iv Operum Minorum Med. collect. a F. X. Wasserberg.*) Vindobonæ. 8vo.
Bibl. Acad. Edin.
1777. HASKEY, H. *De Ferro, ejusque in morbis curandis usu. Edin. 8vo, pp. 26. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
1780. NEBEL, D. W. *De Ferro. Præs. J. W. Virmond. Heidelbergæ, 4to.
1781. GADOLIN, J. *Diss. chemica de analysi Ferri. Præs. T. Bergman. Upsalæ, 4to, pp. 54.
An elaborate and ingenious performance, founded on a great number of experiments.—*London Med. Journ.*, November, 1781, p. 353.
1785. DIERSCH, J. P. *Animadversiones chem.-therapeuticæ de Ferro. Præs. J. C. Leonhardi. Wittebergæ, 4to, pp. 28.
Bibl. Banks (sub nom. Leonhardi).
1790. HEINEKE, C. F. Primæ lineæ historiæ Martialium medicæ. Halæ, 4to. *Bibl. Coll. Phys. Edin.*
1793. FORCKE, P. H. *De Martis transitu in sanguinem ejusque virtutibus medicis. Præs. C. G. Gruner. Jenæ, 8vo, pp. 21.
Bibl. Roy.
1803. PRAT, P. L. *Sur l'usage médicinal du Fer. Paris, 8vo, pp. 25.
1805. NELIGAN, M. *De Ferro. Edin. 8vo.
Bibl. Manchester Med. Soc.
1805. MADISON, J. C. *Observations on the medical properties of Iron. Philadelphia, 8vo.
1809. FERGUSSON, G. J. *De Ferro. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1815. ENGELHART, J. H. *De viribus et usu remediorum Martialium generatim. Resp. C. U. Melin. Lundæ, pp. 8.
1816. RINALDI, J. *Disputatio Academica [de Ferro, &c.]. Augustæ Taurin. 8vo. *Bibl. Med.-Chir. Soc.*
1816. HIEMSTRA, S. T. *De Ferro, ejusque præparatis, et eorum in medicina usu. Groningæ, 8vo, pp. 54. *Bibl. Roy.*
1824. SCHREIBER, C. F. *De Ferri usu medico. Berol. 8vo, pp. 29.
Bibl. Roy.
1830. BOLAFFIO, J. *Diss. mineral. chem.-medica de Ferro. Pesthini, 8vo, p. 88.
1832. FOEDISCH, F. *De morbosa sanguinis temperatione, imprimis in Chlorosi, Hysteria et Pneumonia, inquisitionibus chim. indagata, et de Ferri in sanguinem transitu, experimentis comprobato. Jenæ, 4to, pp. 36.
1834. MOIREAU, C. S. *Du Fer et de ses usages en médecine. Paris, 4to.
1834. ESPAGNET, S. J. *L'importance des Préparations Martiales. Paris, 4to.

1836. MENEGHINI, G. M. *De Ferro. Patav. 8vo, pp. 28.
1836. ROTONDO, M. L. Sul' Ferro, riflessioni economiche e mediche. Napoli, 8vo, pp. 104.
1837. BAYLE, A. L. J. Sur le Fer et les Préparations Ferrugineuses. (In *Biblioth. Therap.*, iv, p. 219-364.) Paris, 8vo.
Contains an interesting *résumé* of previously recorded observations.
1837. MORIN, J. *Thérapeutique des Ferrugineux. Paris, 4to.
1837. KIESSLING, E. *De Ferri usu interno. Berol. 8vo.
1839. SEMMOLA, G. Dei medicamenti preparati col Ferro. Napoli, 8vo. *Bibl. Manchester Med. Soc.*
1839. MANENTI, G. *De præparatis Martialibus therapeuticis. Ticini Regii, 8vo, pp. 28.
1839. TSCHARNER, B. VON. Sur la préparation et les effets thérapeutiques des Pilules Ferrugineuses propres à combattre les Affections Chlorotiques. Paris, 8vo, pp. 16.
1840. VIGER, E. *Examen thérapeutique des différentes Préparations Ferrugineuses. Paris, 4to.
1841. MOUCHON, E. Coup-d'œil rétrospectif sur les Préparations Ferrugineuses les plus accréditées de nos jours. Lyon, 8vo, pp. 32.
1843. GRIS, E. De l'action des Composés Ferrugineux solubles sur la végétation et de leur application au traitement de diverses altérations malades de la plante. Ed. ii. Paris, 8vo, pp. 104.
1844. GRIS, E. Nouvelles expériences...et spécialement au traitement de la chlorose et de la débilité des plantes. Châtillon-sur-Seine, 8vo, pp. 23.
1845. MIALHE, —. Théorie de l'action physiologique des Ferrugineux. (Appended to his 'Traité de l'art de Formuler.') Paris, 8vo.
1845. ALISON, S. SCOTT. Observations on organic alterations of the Heart, and particularly on the beneficial employment of Iron in the treatment of such cases. London, 12mo, pp. 62.
A modest and sensible monograph, written with much moderation. There is no undue eulogy of the effects of iron in cases of heart disease; but the cases are carefully discriminated in which recourse to this agent promises benefit.—*Brit. and For. Med. Rev.*, July, 1846, p. 234.
1847. DUSOURD, J. B. Essai sur la Menstruation, la Chlorose, &c., et sur les propriétés médicales des diverses préparations de Fer. Paris, 8vo.
1848. JACQUES, E. A. Essai sur l'emploi thérapeutique des Ferrugineux. Bruxelles, 4to, pp. 114.
This essay is a long and, upon the whole, fairly executed compilation from current medical journals and works on *materia medica*, but is wholly devoid of originality.—*Monthly Journ. Med. Sci.*, July, 1849, p. 927.
1852. GELIS, A., et CONTÉ, J. L. Mémoire sur les Ferrugineux. Paris, 8vo, pp. 16.

1854. QUEVENNE, T. A. Mémoire sur l'action physiologique et thérapeutique des Ferrugineux. (Ex Bouchardat's *Archives de Phys. et de Thérap.*, No. ii.) Paris, 8vo, pp. 356.
A very valuable contribution to therapeutical knowledge.—*Brit. and For. Med. Rev.*, April, 1855, p. 472. For a full abstract of this important memoir see *Dublin Quart. Med. Journ.*, Nov., 1854, p. 492-504.
1854. HRUSCHKA, W. *Diss. del Ferro. Padova, 8vo.
1855. LEGENDRE, M. E. *De l'emploi du Fer dans les maladies internes. Paris, 4to, pp. 21.
1855. LEPRAT, P. De la Protéine Ferrée, et de son emploi en médecine. Paris, 8vo, pp. 16.
1856. LORANGE, H. R. Quomodo ratio cellularum sanguinis albarum et rubrarum mutetur ciborum advectione, Ferri usu, Febri Intermittente. Regiomonti, 8vo, pp. 31.
1858. GELIS, A. Action physiologique et thérapeutique des Ferrugineux. Avantages des préparations solubles sur les préparations insolubles. (Ex *Bull. Gén. de Thérap.*, Aug. 30, et Sept. 15, 1857.) Paris, 8vo, pp. 16.
1861. FAUCONNEAU DUFRESNE, V. A. De l'utilité des Préparations Ferrugineuses en général et en particulier des pilules de Vallet. Paris, 8vo.
1863. RICHTER, C. A. W. Über die Art der Wirkung der Eisenmittel in Chlorotischen und Anämischen Krankheitsformen. Neuwied, 8vo, pp. 30.
1864. DRAPER, H. N. Manual of the medicinal preparations of Iron, including their preparation, chemistry, physiological action and therapeutical use. Dublin, 12mo, pp. 131.
Bibl. Med.-Chir. Soc.
An excellent little work in its way, evidently the composition of a chemist rather than a physician. It gives a description of between forty and fifty preparations in which iron is the principal or most important ingredient. The practitioner is thus enabled to vary his formula to suit any variety of stomach, fancy or taste.—*Medical Times and Gaz.*, Feb. 1, 1865, p. 183.
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1866. MILLET, A. De l'emploi des Préparations Ferrugineuses dans le traitement de la Phthisie Pulmonaire. Paris, 8vo, pp. 98.
1867. DELIQUX DE SAVIGNAC. De l'emploi des sels de Fer comme contre-poisons des Cyanures et particulièrement du Cyanure de Potassium. (Ex. in *Bull. de Thérapeutique*, lxxii, p. 309.)
1868. MARTIN, G. P. *Préparations et usages thérapeutiques du Fer. Paris, 4to.
1874. LEBAIQUE, E. Note sur le mode d'action des Ferrugineux et sur le Fer Dialysé en particulier. Paris, 8vo, pp. 8.
1874. GIRARD, C. Étude sur les Ferrugineux, et en particulier sur le Protoxalate de Fer. Paris, 18mo, pp. 80. Spanish transl. Paris, 8vo, 1875.

FERRI ACETAS.**Acetate of Iron.**

1866. LUSSANO, F. Saggio sugli usi medico-chirurgici dell' Aceto de Ferro. Milano, 16mo, pp. 94.
 1866. SAVOYE, M. Médication ferrugineuse. Avantages du sirop anti-anémique à l'Acétate de Fer et à l'écorce d'orange. Lyon, 8vo, pp. 60.

FERRI BROMIDUM.**Bromide of Iron.**

1875. GARNIER, F. Du Proto-bromure de Fer : ou révolution dans la thérapeutique de la Chlorose. Lyon, 8vo, pp. 14.

FERRI CARBONAS.**Carbonate of Iron.**

1806. CARMICHAEL, R. An Essay on the effects of Carbonate of Iron upon Cancer, with an inquiry into the nature of that disease. Second ed. 1809. Dublin, 8vo, pp. 116. *Bibl. Med.-Chir. Soc.*

The nature of the cases reported in this essay are doubtfully cancerous. This view is strengthened by the rapidity with which the ulcerations healed under the use of the remedy, so unlike what we know of the history and progress of cancer in general, *e.g.* the case of a young lady cured in six days of a severe ulceration of the nose, presumed to be cancerous, which had resisted the most powerful remedies for years. All the cases related in the text are similar to this; they are all examples of phagedenic ulceration either in the face or legs. In the postscript indeed, there are some cases more like cancer in which the preparations of iron were employed with good effect.—*Edinburgh Med. Surg. Journ.*, ii, 1806, p. 373.

1820. HUTCHINSON, B. Cases of Tic Douloureux successfully treated. London, 8vo, pp. 71. Second ed. 1822, pp. 180. *Bibl. Med.-Chir. Soc.*

Mr. Hutchinson's remedy in these cases was carbonate of iron, prepared from the sulphate by precipitation by means of carbonate of soda in doses of grs. xxx to lxxx, twice or thrice daily. He records several cases successfully treated with it. See *Edinb. Med. Surg. Journ.*, April, 1822, p. 310.

1826. DREYFUS, P. B. *Sur les Névralgies en général et leur traitement par le Sous-carbonate de Fer. Strasbourg, 4to.

Two illustrative cases from this essay are cited by Bayle, *Bibl. Thérap.*, iv, p. 307.

1827. DUPARQUE, M. Mém. sur les propriétés anti-névralgiques du Sous-carbonate de Fer. (*Nouv. Bibl. Méd.*, i.) Paris, 8vo.

1828. REYMAN, J. N. *De Ferro carbonico.

Dorpati, 8vo, pp. 56.

1844. MEILLET, A. Note sur l'emploi des Ferrugineux et sur le Carbonate de Protoxyde de Fer comme préservatif des Coliques de Plomb dans les fabriques de céruse. Paris, 8vo

FERRI CITRAS et FERRI AMMONIO-CITRAS.

Citrate and Ammonio-citrate of Iron.

1860. JABLONOWSKI, J. De Santonini... Citratis Ferrici intra organismum humanum rationibus. Dorpati, 8vo, pp. 37.
1867. RIVA, S. Lusinghieri risultamenti ottenuti nella cura del Cholera mediante l'uso sia del Citrato Ammoniac di Ferro, sia del solfato dello stesso metallo. Parma, 8vo, pp. 9.
1868. PAGANUZZI, L. Sull' azione del Citrato di Ferro Ammoniacale, studii sperimentali ematologici. Padova, 8vo, pp. 30.
1868. GUGLIELMI, D. Metodo per curare Cholera Asiatica col Citrato di Ferro solubile. Nuova ediz. Roma, 8vo, pp. 167.

FERRI FERRO-SESQUICYANIDUM.

Prussian Blue, Prussiate of Iron, etc.

1668. BAUSCH, J. L. De Cærulio et Chrysocolla. Jenæ, 12mo. *Bibl. Med.-Chir. Soc.*
1822. WETZLAR, G. De materiæ nonnullarum, imprimis Kali Borussici in organismum transitu. Marburgi, 8vo.
1822. ZOLLICKOFFER, W. Treatise on the use of Prussiate of Iron or Prussian Blue in Intermittent and Remittent Fevers. Frederick, Maryland, U.S., 12mo, pp. 32. *Bibl. Med.-Chir. Soc.*
- Dr. Zollickoffer, of Baltimore, was the first to bring to notice the anti-periodic powers of the ferro-cyanide, and in this essay he relates a number of cases of fever successfully treated with it, in doses of grs. iv—vij, every four hours.

FERRI IODIDUM.

Iodide of Iron.

1834. THOMSON, A. TODD. Observations on the preparation and medicinal employment of the Ioduret and Hydriodate of Iron. London, 8vo, pp. 64. *Bibl. Coll. Surg. Lond.*
- The author in this work first drew the attention of British practitioners to the employment of this valuable preparation. He mentions cases of atonic dyspepsia, scrofulous affections, chlorosis, amenorrhœa, bronchocele, tabes mesenterica, rachitis and incipient scirrhus, in which it was used with more or less benefit. The chief objection to the whole of these cases being received as evidence of the efficacy of the iodide of iron is that in not one of them was it given alone, and that its use was either preceded by, or conjoined with other medicines of acknowledged power in removing deranged health dependent on disorders of the digestive system.—*Edinburgh Med. Surg. Journ.*, xliii, 1835, p. 489-492.
1836. GROSOURDY, —. *Des Iodures de Fer, de Plomb, et de Mercure. Paris, 4to.
1857. GILLE, F. Monographie thérapeutique et pharmacologique de l'Iodure de Fer. Paris, 12mo, pp. 448.
1858. ——. L'Avenir Médical de l'Iodure de Fer. (*Journal Clinique des Hôpitaux de Paris*, 1858, No. i.)

FERRI LACTAS.

Lactate of Iron.

1840. GELIS, A., et CONTÉ, J. L. Mémoire sur l'emploi du Lactate de Fer. (Ex. in *Gaz. Médicale*, 1840.) Paris, 1840.

The authors adduce several cases of chlorosis and other states of the system (anæmic, &c.) usually relieved by steel medicines in which the lactate produced excellent effects; in some it succeeded after the usual ferruginous preparations had been fairly used without benefit.—*Med.-Chir. Rev.*, Oct., 1840, p. 511.

1860. (Anon.) De l'assimilation du Lactate de Fer et des avantages que présente ce sel sur les autres préparations ferrugineuses au point de vue de la digestion. Paris, 8vo.
1872. LELONG, E. M. *Essai thérapeutique du Chloro-lactate acide de Fer. Paris, 8vo.

FERRI OXALIS.

Oxalate of Iron.

1874. GIRARD, C. Étude sur les Ferrugineux, et en particulier sur le Protoxalate de Fer. Paris, 18mo, pp. 80. Spanish transl. Paris, 8vo, pp. 79.

FERRI PERCHLORIDUM.

Perchloride of Iron.

1826. MILITZER, —. *Vide* "Moschus," 1826.
1851. BELL, G. H. On the treatment of Erysipelas by the Muriated Tincture of Iron; with observations by Charles Bell. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1853. BURIN DU BUISSON, A. M. B. Étude de l'action chimique du Perchlorure, du Persulfate et du Perazotate de Fer sur les principes fibrino-albumineux du sang. Paris, 8vo, pp. 24.
1854. DUPUY, B. *Étude sur le Perchlorure de Fer. Paris, 4to, pp. 26.
1854. CARRARD, A. Du Perchlorure de Fer et de son emploi dans le traitement des Anévrismes et des Varices. Lausanne, 8vo, pp. 36.
1854. BURIN DU BUISSON, A. M. B. Nouvelles considérations sur le Perchlorure de Fer et sur le meilleur mode de préparation de cet agent. Lyon, 8vo.
1854. THIERRY, A. Sur l'application du Perchlorure de Fer de l'extérieur à l'intérieur. Paris, 8vo, pp. 16. *Bibl. Med.-Chir. Soc.*
1854. GOUBAUX et GIRALDÈS, MM. Expériences sur les Injections de Perchlorure de Fer dans les artères. Paris, 8vo, pp. 7.
- An excellent report on the effects produced in coagulating the blood by the injection of perchloride of iron into the arteries.—*Dublin Quart. Journ. Med. Sci.*, Aug., 1854, p. 4.
1855. BOEHR, M. L. A. Diss. de Liquoris Ferri Sesquichlorati usu in Aneurismatibus sanandis. Berlin, 8vo, pp. 32.

1856. SOULÉ, E. De l'injection du Perchlorure de Fer dans le système veineux, considérée comme moyen de guérir les Varices et les Ulcères rebelles des membres inférieurs.

Bordeaux, 8vo, pp. 20.

1857. MATHEY, J. M. L. *Du traitement de l'Érysipèle par le Perchlorure de Fer administré à l'intérieur.

Paris, 4to.

Bibl. Med.-Chir. Soc.

1857. PRAVAZ, J. Essai sur le traitement des Anévrysmes par les injections de Perchlorure de Fer.

Paris, 4to, pp. 51.

1858. SILVESTRE, L. A. *De l'emploi du Perchlorure de Fer dans le traitement des Varices et des Ulcères Variqueux.

Paris, 4to, pp. 91.

1858. GUERIN, B. M. *Essai sur les applications thérapeutiques du Perchlorure de Fer.

Paris, 4to, pp. 58.

The author treats of the use of the perchloride in aneurisms, varices, nævi, panniform keratitis, hæmorrhoids, hæmorrhages, erysipelas, purpura, dysentery, and other affections. He has evidently bestowed much attention on the subject, and has brought together many interesting facts.

1858. BOUROT, M. P. A. *Considérations sur la Pourriture d'Hôpital observée en Orient et sur son traitement par le Perchlorure de Fer.

Strasbourg, 4to, pp. 41.

1859. JODIN, N. De la nature et du traitement du Croup et des Angines Couenneuses, &c. ... 2. Que la base du traitement repose sur l'application des topiques parasitiques, &c. Paris, 8vo, pp. 39.

A suggestive brochure. Of all parasiticide agents M. Jodin prefers liquid perchloride of iron, because it completely penetrates the cryptogam which he regards as the essential origin of the disease; its action is limited to the surface, and it may be absorbed without danger. He declares that it has never failed in the numerous cases in which he has applied it. See analytical review in *Amer. Journ. Med. Sci.*, Jan., 1861, p. 200-210.

1860. SALLERON, A. E. Mémoire sur l'emploi du Perchlorure de Fer contre la Pourriture d'Hôpital et l'infection purulente.

Paris, 8vo, pp. 138.

1860. ADRIAN, M. Recherches sur la Solution officinale du Perchlorure de Fer, sa préparation à l'état neutre et exempt d'altération.

Paris, 8vo, pp. 7.

1860. BURIN DU BUISSON, A. M. B. Traité de l'action thérapeutique du Perchlorure de Fer considéré à l'extérieur comme hémostatique, comme modificateur des surfaces traumatiques dans la pourriture d'hôpital, l'infection purulente et les blessures par armes à feu, et comme agent prophylactique des virus et des venins; à l'intérieur comme hémoplastique et comme sédatif de la circulation générale.

Paris, 8vo, pp. 396.

A valuable contribution to the therapeutics of the perchloride. See the discussion raised at the Academy of Medicine, Paris, by the report of M. Devergie on a memoir of M. Pize (*Bull. de l'Acad. de Méd.*, xxv, p. 686 et seq.).

1860. DELEAU, M. T. *Traité pratique sur les applications du Perchlorure de Fer en médecine.* Paris, 8vo, pp. 256.
Bibl. Coll. Phys. Edin.
1860. DEVERGIE, M. *Des applications que l'on peut faire du Perchlorure de Fer à la thérapeutique des Maladies de la Peau.* Paris, 8vo, pp. 12.
1860. LETHEBY, H. *Report on the practicability and probable efficacy of the proposed plan for Deodorizing the Sewage of London by means of Perchloride of Iron.* London.
1860. ALBESPY, F. **Sur l'étiologie et le traitement de la Pourriture d'Hôpital, particulièrement par le Perchlorure de Fer.* Paris, 4to, pp. 32.
1861. MAGNES-LAHENS, —. *Du Sesquichlorure de Fer liquide. Réponse à M. Burin du Buisson.* Toulouse, 8vo, pp. 28.
1862. SENTEX, L. *Du traitement des Varices et des Ulcères Variqueux par les injections de Perchlorure de Fer. (Ex Journ. de Méd. de Bordeaux, Fév., 1862.)* Bordeaux, 8vo, pp. 32.
1862. JONES, J. *On the use of Perchloride of Iron and other Chalybeate Salts in the treatment of Consumption; being a critical inquiry into their physiological action and therapeutic properties.* London, 8vo, pp. 110.
It is by careful statistical inquiry, such as this, that the true value of a remedy is tested. Dr. Jones makes no pretensions to originality in the use of the perchloride of iron in phthisis, but he has a higher claim; he has thoroughly worked out a series of cases in which its therapeutic powers have been carefully tested, and he presents the evidence to his readers in a form which enables them to examine its validity.—*Medical Times and Gaz.*, July 12th, 1862, p. 40. His estimate of its powers in phthisis is, however, too highly coloured.
1864. BELL, C. *Practical observations on Diphtheria and Erysipelas.* London, 8vo.
This pamphlet is written mainly to advocate the use of the tincture of the perchloride of iron in these affections.—*Med Times and Gaz.*, October 22nd, 1864.
1866. VICENTE, J. *Curacion de las Intermitentes; importancia terapéutica del Sesquicloruro Férrico en las hemorrágias, el cólera, las fiebres purulentas y en las intermitentes.* Madrid, 8vo, pp. 116.
1866. BURIN DU BUISSON, —. *Précis du mode d'emploi à l'extérieur et à l'intérieur du Perchlorure de Fer liquide à l'usage des hôpitaux et des ambulances militaires dans le traitement des Plaies par armes à feu.* Paris, 8vo, pp. 72.
1866. RICHER, P. **De l'emploi thérapeutique du Perchlorure de Fer.* Paris, 4to.
1867. AUBRUN, E. **Du Perchlorure de Fer, ses applications thérapeutiques principalement dans la Diphthérie.* Paris, 4to.
1867. MARCACCI, G. *Settantatre nuovi esperimenti fatti con alcuni coagulanti il sangue, e più particolarmente col Percloruro di Ferro-magnetico.* Siena, 8vo.

1868. LABURTHE, J. Des Varices artérielles et des Tumeurs cirsoïdes, de leur traitement spécialement par les injections de Perchlorure de Fer. Paris, 8vo, pp. 46.
1869. SCHALLER, E. J. De l'usage du Perchlorure de Fer liquide, et notamment du Perchlorure de Fer dilué, dans le Croup et dans les autres formes d'Angine. Paris, 8vo, pp. 105.
1872. FOUHLOUX, P. *Essai sur le pansement immédiat des Plaies d'Amputation par le Perchlorure de Fer. Paris, 4to et 8vo, pp. 57.
1872. ONFRAY, L. J. *Des injections du Perchlorure de Fer dans le traitement des Tumeurs cirsoïdes artérielles. Paris, 4to.
1872. NOURY, M. J. *Du Perchlorure de Fer à l'intérieur à haute dose dans le traitement de la Diphthérie et spécialement de l'Angine pseudo-membraneuse. Paris, 4to.
1873. EMANAUD, A. *Du traitement de la Variole Hémorrhagique par le Perchlorure de Fer et l'Alcool. Paris, 4to.
1874. LEBEL, L. P. A. C. De l'influence du pansement ouaté et du Perchlorure de Fer sur l'établissement de la suppuration et de la Fièvre traumatique. Paris, 4to.
1874. GUIPON, —. Propriétés abortives du Perchlorure de Fer dans la Variole. (Mém. présenté à l'Acad. de Méd. April 14th, 1874.) Paris, 8vo, pp. 15.
1875. BRIAND, G. *Du traitement des Tumeurs Erectiles, et en particulier du procédé par les injections de Perchlorure de Fer unies à l'acupressure périphérique. Paris, 4to.
1875. BÉCHAMP, J. Des Peroxychlorures de Fer au point de vue médical, chirurgical, et toxicologique. Montpellier, 8vo, pp. 23.

FERRI PEROXIDUM HYDRATUM.

FERRI PEROXIDUM HUMIDUM, Brit. Ph.

1834. BUNSEN, R. W., und BERTHOLD, A. A. Eisenoxydhydrat, das Gegengift des weissen Arseniks, &c. *Vide* "Arsenic (Toxicology of)," 1834.
1837. GEARY, W. T. *Vide* "Arsenic (Toxicology of)," 1837.
1839. WOOD, T. *On Hydrated Peroxyde of Iron. Philadelphia, 8vo.
1840. TIERSOT, H. *Vide* "Arsenic (Toxicology of)," 1840.
1841. ORFILA, M. J. B. *Vide* "Arsenic (Toxicology of)," 1841.

FERRI PHOSPHAS.

Phosphate of Iron.

1864. SANDRAS, C. L. Du rôle des phosphates dans l'organisme et en particulier du Phosphate de Fer. Paris, 8vo, pp. 56, tab. i. 2me éd. Paris, 1867. *Bibl. Med.-Chir. Soc.*

1865. SCHAEDELIN, A. Mémoire sur les pastilles de Phosphate de Fer, considérées comme remplaçant toutes les préparations ferrugineuses et l'huile de foie de Morue. 3me éd. Paris, 8vo.
Bibl. Med.-Chir. Soc.

FERRI SULPHAS.

Sulphate of Iron.

1609. SALA, A. Anatomia Vitrioli in duos tractatus. Aurel. Allob. 18mo.
Bibl. Med.-Chir. Soc.
1617. MINDERERUS, R. De Calcantho seu Vitriolo, ejusque qualitate, virtute et viribus nec non medicinis ex eo parandis. August. Vindel. 4to.
Bibl. Med.-Chir. Soc.
1618. KERNER, A. Tetras Chymiatrica, proponens præstantiam et in medicina efficaciam Auri, Mercurii, Antimonii et Vitrioli. Erphordiae, 12mo.
Bibl. Med.-Chir. Soc. ; Acad. Edin.
1626. VERBEZIUS, D. Pro R. Mindereri disquisitione de Calcantho responsio. August. Vindel. 4to.
Bibl. Med.-Chir. Soc.
1666. TRUMPHIUS, J. G. De Vitriolo. Jenæ, 4to.
Bibl. Med. Soc. Lond.
1751. VATER, A. Programma de Vitrioli ejusque Sulphuris et tincturæ indole atque præstantiâ. Wittembergæ, 4to.
1763. GMELIN, P. F. *Diss. de probato, tutoque usu interno Vitrioli Ferri factitii adversus Hæmorrhagias spontaneas largiores. Resp. C. de Olnhausen. (Id. in *Schlegel Thes. Mat. Med.*, vol. ii, p. 453.) Lipsiæ, 8vo.
Bibl. Coll. Phys. Edin. ; Med. Chir. Soc. (Schlegel).
- A good memoir, containing directions for preparing "Vitriolum Ferri factitium," the grounds on which it is to be preferred to other preparations of iron, its great powers in controlling hæmorrhage and nocturnal emissions.
1810. MARC, C. C. H. Recherches sur l'emploi du Sulfate de Fer dans le traitement des Fièvres Intermittentes. Paris, 8vo, pp. 62.
1832. BLAUD, —. Sulfate de Fer et Sous-carbonate de Potasse contre la Chlorose et les maladies chlorotiques. (Ex. in *Revue Médicale*, i, 1832, p. 337.)
- This interesting paper, occupying thirty-one pages, is reproduced *in extenso* in Bayle's *Biblioth. Therap.*, iv, p. 237-268. Much evidence is adduced in favour of the combination indicated in the title.
1853. BURIN DU BUISSON. *Vide* "Ferri Perchloridum," 1853.
1860. ARNAUD, B. *De l'hémostatique chirurgicale en général et de l'usage du Sulfate de Peroxyde de Fer en particulier. Strasbourg, 4to, pp. 40.
1871. TURCK, A. Nouveau rapport sur le traitement de la Pleuro-pneumonie contagieuse du gros bétail par le Sulfate de Fer, adressé à la Soc. de l'Agriculture de Nancy. Nancy, 8vo, pp. 18.

FICUS. THE FIG.

Fruit of *Ficus Carica*, Linn.

1619. STURM, J. C. Diss. de curatione morbi per Ficum.
Altdorfi, 4to. Ibid. 1696.
1744. HEGARDT, C. *Ficus, ejusque historia naturalis et medica.*
Præs. C. Linnæus. Upsaliæ, 4to, pp. 28, tab. i. (In *Amæn.*
Acad. i, p. 213-243.) *Bibl. Banks.*
- Mainly botanical, discussing, however, pretty fully the medical properties and uses of figs. Amongst other things it is mentioned that figs partaken of largely communicate a fetid odour to the perspiration; a curious circumstance, if true.
1783. LORIÉ, P. **Ficus maturans.* Duisburgi, 4to, pp. 16.
Bibl. Roy.
- A commentary on the disease of King Hezekiah and the 'maturant' virtues of the fig.—*Callisen.*
1786. GEDNER, E. **De Ficu.* Upsaliæ, 4to.
Bibl. Med. Soc. Lond.
1820. GALLESIO, G. C. *Pomona Italiana: parte scientifica; fascicolo primo contenente il trattato del Fico.* Pisa, 8vo, pp. 123.
"Ouvrage extrêmement curieux."—*Mérat et Delens.*
1869. ALBINI, G. Sul frutto dal Fico (*Ficus carica*) Notizie storiche-preliminari. Napoli, 4to.
1870. ALBINI, G. Continuazione delle ricerche sul frutto del *Ficus Carica.* Nota. Napoli, 4to.

FILIX MAS.

Rhizome of *Aspidium* (*Nephrodium*) *Filix Mas*, Swartz.

- 1737? SWAMMERDAM, J. De Filice Mare Dodonæi, diss. epistolaris. Impr. in ejus *Biblia Naturæ*, vol. ii, p. 906-910. *Anglicè*
On the *Filix mas* or Male Fern of Dodonæus. Printed with his
Book of Nature, p. 151-153. *Bibl. Banks.*
1775. [NOUFFER.] Précis du traitement contre le Ténia ou ver solitaire pratiqué à Morat en Suisse. Paris, 4to.
Bibl. Acad. Edin.
1775. [NOUFFER.] Traitement contre le Ténia ou ver solitaire pratiqué à Morat...examiné et approuvé à Paris. Paris, 4to.
- This and the preceding memoir, "imprimés par ordre du roi," contain the official notification of the secret remedy of Madame Nouffer, the widow of a Swiss surgeon, which Louis XVI had purchased for 18,000 francs. The principal or active ingredient in her nostrum was the powdered rhizome of the male fern, which consequently was brought prominently to notice, especially in France.
1777. SIMMONS, S. F. An account of the Tania or Long Tape Worm, and of the method of treating it as practised at Morat, in Switzerland. Translated from the French, with preface, notes and plates. London, 8vo, pp. 80.
- The treatment here indicated is mainly by the male fern root. See *Duncan's Med. Commentaries*, v, 1777, p. 70.

1821. GEBHARD or GEBHARDT, B. D. *Diss. sistens analysin chemicam Radicis Filicis Maris. Kiliae, 4to.

1826. BATSÓ, V. *De Aspidio filice mare. (Historisch-chemische Betrachtung über die Wurzel des männlichen Farnkrautes.)

Vindobonæ, 8vo, pp. 37.

M. Batsó in this memoir announces the discovery of an acid, *filicic acid*, and an alkaloid, *filicine*, in the root of the male fern, in which he considers the anthelmintic power of the remedy to reside.

1826. PESCHIER, C. Sur un nouveau moyen de tuer le Ténia vulgaire. (Ex. in *Bibliothèque Univ. de Genève*, xxx, 1826, p. 205.

Notwithstanding previous testimonies in favour of male fern it seems to have fallen into comparative disuse till the publication of this memoir by Dr. Peschier, who was one of the first to point out the superior advantages of the resinous oil extracted by ether, the ethereal extract of present writers. His evidence of its powers as a tænicide is very conclusive, based as it is upon 160 successful cases. In this country its value is established by the trials of Professor Christison (*Edin. Med. Journal*, July, 1853), Dr. J. H. Bennett (*Monthly Journ. of Med. Sci.*, February, 1855), Dr. A. Fleming (*infra*), and others.

1827. RORETIUS, H. L. M. *De Filicis maris Oleo.

Regiomonti, 8vo, pp. 32.

1829. ROEDERER, C. G. *De radice Filicis maris et de Extracto ex eo parato. Jenæ, 4to, pp. 26.

1833. ERDMANN, J. F. J. *De virtute et vi medica Extracti Filicis mari resinosi ad Tænias expellendas. Dorpati, 8vo, pp. 39.

1857. LIEBIG, A. Investigationes quædam pharmacologicæ de Extracto Filicis maris æthereo. Dorpati Livon. 8vo, pp. 35.

1864. FLEMING, A. On the Oil of Male Fern in Tapeworm. (Reprint from *British Medical Journal*, 1864.)

London, 12mo, pp. 8.

An interesting brochure, containing a brief analysis of 100 cases of tapeworm treated with this remedy. The results tend to establish beyond doubt the great efficacy of the oil of male fern in tapeworm, and its superiority to the other known remedies for this disease. The ethereal extract in drachm doses, given in emulsion on an empty stomach, is pronounced to be the best mode of exhibition.

1874. KIERN, L. Sur les préparations de la Fougère mâle, et de leur efficacité dans le traitement du Ténia. Paris, 8vo, pp. 16.

FENICULUM VULGARE, Gaertner.

Common Fennel.

1665. SCHENCKIUS, J. T. *Μαραθρολογία sive de Foeniculo. Resp. F. Kaltschmied. Jenæ, 4to, pp. 88. *Bibl. Banks.*

1732. EHRMANN, J. C. Diss. de Fœniculo ejusque usu medico. Præs. J. Boecler. Argentorati, 4to, pp. 40.

Bibl. Coll. Surg. Lond.; Radcliffe.

1863. BONTEMPS, C. F. Z. *Essai thérapeutique sur le Fenouil. Strasbourg, 8vo, pp. 30.

FORMIC ACID.

1822. RAVIER, F. *Rhumatisme Chronique, son traitement par l'Acide Formique. Paris, 4to.
1845. MITSCHERLICH, C. G. De Acidi Acetici...Formici, &c., effectu in animalibus observato. Vide "Acetic Acid." Berol. 4to.

FRAXINUS EXCELSIOR, Linn.

The Common Ash.

1700. SCHROER, J. C. Curiöse Beschreibung des Eschenbaumes, &c. Frankfurt an der Oder, 8vo.
1712. HELVIGIUS, C. *De Quinquina Europæorum sive Cortice Fraxini. Gryphisvaldiæ, 4to, pp. 48. *Bibl. Banks.*
Nempe fraxino ejusque cortice quem contendit valde similem esse Peruviano, sapore etiam elementis, &c....Vires laudat in febribus et aliis morbis. —*Haller, Bibl. Bot.*, ii, p. 90.
1791. SCHREGER, B. N. G. *De Corticis Fraxini excelsioris natura et viribus medicis. Lipsiæ, 4to, pp. 35. *Bibl. Acad. Edin.*
From his observations Dr. Schreger concludes that, although some may have valued too highly the medicinal powers of this bark, yet since its virtues as a febrifuge are well authenticated, it ought to be considered as a valuable gift from the bountiful hand of nature. Vide review in *Duncan's Med. Commentaries*, xviii, 1793, p. 159-164.
1808. LEROY, A. V. L. A. Mémoire sur le Kinkina Français et Péruvien. Paris, 8vo.
Adduces evidence in favour of the antiperiodic properties of ash bark and of its capabilities as a substitute for cinchona.

FUCUS HELMINTHOCORTON. Vide PLOCARIA HELMINTHOCORTON.

FUCUS VESICULOSUS, Linn.

And other Species of Fucus.

1606. FORESTUS, P. Tract. de Venenis, et Fucis. Lugd. Bat. 8vo.
1768. GMELIN, S. G. Historia Fucorum. Petropoli, 4to, pp. 239, tab. 35. *Bibl. Banks.*
1774. MEIER, F. W. *De Æthiope vegetabili (Fucus vesiculosus) cum analectis nonnullis de salibus. Præs. H. F. Delius. Erlangæ, 4to, pp. 72. *Bibl. Acad. Edin.*
1816. GRIFFEN, A. R. On the botanical, chemical, and medical properties of Fucus edulis. *Linn.* New York, 8vo, pp. 36, tab. col. i. *Bibl. Linn. Soc.*
1823. MONTEN, A. *Observationes circa Iodinum in Fuco vesiculoso. Londini Gothorum, 4to, pp. 13.
1830. MEYER, L. *De Fuco vesiculoso atque de Iodo quædam quod continet. Kiliæ, 4to, pp. 15.
1844. PRESTANDREA, A. Sulla estrazione della gelatina dal Fucus viscosus, *Forskål.* Firenze, 8vo. *Bibl. Linn. Soc.*

1862. DUCHESNE-DUPARC, L. V. Du Fucus vesiculosus (chêne marin), de ses propriétés fondantes et de son emploi contre l'Obésité. Paris, 8vo, pp. 20. Deuxième éd. 1863, Paris, pp. 46.

FUMARIA OFFICINALIS, Linn.

Common Fumitory.

1718. CAMERARIUS, R. J. *Diss. de Fumaria. Resp. J. C. Rieckius. Tubingæ, 4to, pp. 20. *Bibl. Banks.*
 1723. UMMIUS, J. A. *De Herba Fumaria. Groningæ, 4to, pp. 14. *Bibl. Banks.*
 1749. ROUSSY, J. L. *Diss. de Fumaria vulgari. Argentorati, 4to, pp. 20. *Bibl. Banks; Coll. Surg. Lond.*
 1789. OTTO, B. C. *Diss. de Fumaria. Resp. D. G. Hiller. Traject. ad Viad. 4to, pp. 23. *Bibl. Banks.*
 1832. HANDSCHUCH, K. F. G. A. De plantis Fumariaceis systematis naturalis, earumque viribus et usu, &c. Erlangæ, 8vo, pp. 44.

GALIUM APARINE, Linn., et alt. Species.

Goose Grass.

1784. EDWARDS, J. A short treatise on the plant called Goose Grass or Clivers, and its efficacy in the cure of the most inveterate Scurvy, with the recipe for preparing and taking this simple and excellent medicine, and references to those cured of the disorder. London, 8vo. *Bibl. Manchester Med. Soc.*
 1802. SELIG, C. W. De Galii rotundifolii caractere botanico usuque medico. Erlangen, 8vo, pp. 40. *Bibl. Linn. Soc.*
 1852. SCHWARZ, R. Vorläufige Notiz über die Bestandtheile des Krautes von Galium verum und Galium aparine. Wien, 8vo, pp. 8.

ACIDUM GALLICUM.

Gallic Acid.

1847. ITZSTEIN, M. Das gallensäure Natron als Arzneimittel, &c. Mainz, 8vo, pp. 36.
 1869. JÜDELL, G. Ueber das Verhalten der Gallussäure und Pyrogallussäure im Organismus. Göttingen, 8vo, pp. 17.

GAMBIR.

Extract of Uncaria Gambir, Roxb.

1847. GUIBOURT, N. Mém. sur les astringents connus sous les noms de Cachou, Gambir et Kino. Paris, 8vo, pp. 76.

GAMBOGIA.

Gamboge.

1614. REUDENIUS, M. Judicium de novo Gummi Purgante. (Impr. in W. Payer, 'Tractatus de Thermis Carolinis,' Lipsiæ, 12mo, p. 209-226.) *Bibl. Med.-Chir. Soc.*

1625. REUDENIUS, M. De novo Gummi Purgante epistola. Lugd. Bat. 12mo, pp. 58. *Bibl. Med.-Chir. Soc.*

Sermo est de gummi gitta aut gutta. Ejus usum adfirmat per experimenta, tutum esse salubremque in arthritide, dari posse ad septem et octo grana.—*Haller, Bibl. Bot.*, i, p. 417.

1626. LOTICHIUS, J. P. De gummi ut vocant Gotta, sive laxativo Indico discursus theorico-practicus. Francof. ad Viad. 8vo.

1628. PUTEO, Z. Historia de Gumma Indica anti-asthmatica, anti-hydropica et anti-podagrica. Venetiis, 4to, pp. 40. *Bibl. Med.-Chir. Soc.*

There can be little doubt, from the description of its physical characters, its medicinal properties, and its synonyms, especially from passages in Reudenius, p. 237, that the "gum" described by this and the preceding writer was gamboge. The point at which they are both in error, and which creates some confusion, is its geographical source, which they both maintain to be Peru. It is, however, worthy of remark that the *Hypericum bacciferum* of Linnæus (*Vismia Guianensis*, Pers.), indigenous in Guiana, yields a purgative gum of a yellow colour, which in some other respects also resembles true gamboge.

1638. CASTELLI, P. Chrysopus ejusque nomina, essentia, usus facili methodo traduntur, &c. Messinæ, 4to.

De gummi guttæ; succum plantæ esse, sibi quidem ignotæ, curare hydro-pem, esse *κακοστομαχον*, corrigi spiritu vitrioli.—*Haller, Bibl. Bot.*, i, p. 428.

1777. JAEGER, C. F. *Diss. de Cambogiæ Guttæ succo, sive Gummi Guttæ officinali. Resp. C. E. Gaupp. Tubingæ, 4to, pp. 32. Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. xxvi, p. 401. *Bibl. Coll. Phys. Edin.* (ed. Lipsiæ, 1793); *Med.-Chir. Soc.*

A discussion on the botanical origin, physical characters, and chemistry of gamboge, followed by an account of its medicinal properties and uses; especial notice is taken of its efficacy in dropsy, and of its powers as an anthelmintic in cases of tænia.

1858. DAVASZKIEWIEZ, L. Meletemata de Resinarum, præsertim Resinæ Gutti in tractu intestinali rationibus. Dorpati 8vo.

1872. LANESSAN, J. L. DE. *Étude sur le genre *Garcinia*, et sur l'origine et les propriétés de la Gomme Gutte. Paris, 4to.

The question of the true botanical origin of officinal gamboge was settled in 1864, by the late Daniel Hanbury, who demonstrated it to be *Garcinia Moralla*, Desrouss., var. *pedicellata*. Vide *Linnean Trans.*, xxiv, p. 487.

GASTRIC JUICE.

As a medical agent.

1785. CARMINATI, B. Ricerche sulla natura, e sugli usi del Suco Gastrico in medicina e in chirurgia. Milan, 4to. German transl. Vienna, 1785. *Bibl. Coll. Surg. Lond.*

1785. SENEBIER, J. Observations importantes sur l'usage du Suc Gastric dans la chirurgie. Genève, 8vo. German transl. Mannheim, 1786, 8vo. *Bibl. Coll. Surg. Lond.*

Contains an interesting account of the treatment of various forms of ulceration by the local application of gastric juice. See *Duncan's Med. Commentaries*, xi, 1787, p. 1—36.

1787. FELIX, A. J. *De Liquoris Gastrici ex ruminantibus desumpti uso medico. Traject. ad Viad. 4to, pp. 20.

1792. CHIARENTI, F. Ragionamento sulla Digestione con alcune osservazioni sull' uso vantaggioso del Sugo Gastrico nelle malattie dello stomaco. Firenze, 4to, pp. 85.

1793. CHIARENTI, F. Osservazioni ed esperienze sull' Sugo Gastrico riguardato come il mezzo destinato dalla Natura, per rendere suscettibile una gran parte delle sostanze ad essere assorbite dai diversi vasi assorbenti della macchina animale. Firenze, 8vo.

1797. BRERA, V. L. Programma del modo d'agire sul corpo umano per mezzo di frizioni fatte con Saliva ed altri umori animalizzati e colle varie sostanze che all'ordinario si somministrano internamente. Pavia, 8vo, pp. 48. Fourth ed. under the title of 'Anatripsologia,' &c., Paviæ, 2 vols. 8vo, 1799-1800. Alt. ed. 1812-1814. German transl. of first ed. Leipzig, 8vo, 1798; of fourth ed. by J. Egerel, Vienna, 2 vols. 1800-1801, and Erlangen, 1806, 2 vols. 8vo.

For some curious and interesting observations on the uses of gastric juice and saliva in medicine, especially as solvents of opium and other active agents to be applied externally with a view to their absorption into the system, see review of this book in *Duncan's Annals of Med.*, iii, 1798, p. 190 *et seq.*

1799. GIULIO, C. Sugli effetti di alcuni remedi disciolti nel Suco Gastrico o Saliva. Torino, 8vo.

1802. DORSEY, J. SYNG. *Essay on the lithontriptic virtues of the Gastric Liqueur. Philadelphia, 8vo. *Bibl. Med.-Chir. Soc.*

The author details several experiments made with the view of determining the solvent power of gastric juice on calculi in the bladder. He came to the conclusion that this power was so feeble that the stone progressed almost as fast as the solution, and that its use would not supersede the necessity of an operation.—*Amer. Journ. Med. Sci.*, January, 1845, p. 189.

1869. LUSSANA, F. Sur le traitement du Cancer à l'aide du Suc Gastricque du chien, et sur la manière d'extraire ce suc et de l'employer. Padova, 4to, pp. 24, tab. i.

Recently Professor Lussana has experimented with gastric juice as a local application in cancer, and although it was found to soften the tumour it was not powerful enough to arrest the progress of the disease. See *Edin. Med. Journ.*, July, 1874, p. 90.

GELATINE (ANIMAL), including

ICHTHYOCOLLA (ISINGLASS) and GLUTEN.

1725. SCHNEPFFIUS, C. F. De Gelatinis. Tübingæ, 4to. *Bibl. Med.-Chir. Soc.*

1756. STOLZE, F. G. *Diss. medica de Ichthyocollâ. Helmstadii, 4to.

1803. GAUTIERI, G. *Sperienze ed osservazioni sul Glutine animale come rimedio nelle Febbri Intermittenti, &c. Milan, 8vo. German transl. by Dr. Bischoff, Berlin, 1804.

For an interesting analysis of this work see *Edin. Med. Surg. Journ.*, ii, 1806, p. 479-483.

1803. CADET-DE-VAUX, —. Mémoire sur la Gélatine des os, et son application à l'économie animale. Paris, 8vo.

1808. BODEN, C. F. *Diss. de Gelatinæ Animalis viribus medicatricibus imprimis in fugandis Febribus Intermittentibus. Præs. C. G. Kühn. Lipsiæ, 8vo. *Bibl. Roy.*

1854. PEYRAT, A. *Du Gluten et de son emploi. Paris, 4to. pp. 48.

1856. BRIOIS, C. A. Thèse sur le Gluten et les mélanges de différentes farines. Paris, 4to, pp. 36.

1863. LEBAIGUE, E. Emploi thérapeutique des Hydratès Gélatineux. Paris, 8vo, pp. 31.

1872. HÉRAUD, A. F. Gélatine: sa préparation, et ses usages alimentaires et médicaux. In *Nouv. Dict. de Méd. et de Chirurg. Prat.*, xv, p. 275. Paris.

GENISTA TINCTORIA, Linn.

Dyer's Broom.

1810. THIEBAUT DE BERNÉAUD, A. Du Genêt, considéré sous le rapport de ses différentes espèces, de ses propriétés, &c. Paris, 8vo.

1853. DESMARTINS, L. P. Emploi des différentes espèces de Genêt en médecine, du Genista tinctoria contre la Rage, &c. Bordeaux, 8vo, pp. 20.

GENTIANÆ RADIX.

Gentian Root.

1692. WEDEL, G. W. *De radice Amara Homeri (Gentianum esse). Jenæ, 4to.

1720. SLEVOGT, J. H. *De Gentiana. Respond. J. A. Weber. Jenæ, 4to, pp. 25. *Bibl. Banks.*

Short notice in *Haller, Bibl. Bot.*, ii, p. 29.

1777. HARTMANN, P. J. *Historia Gentianæ naturalis et medica. Traject. ad Viad. 4to, pp. 48.

1796. FRÖLICH, J. A. De Gentiana libellus, sistens specierum cognitarum descriptiones cum observationibus. Erlangæ, 8vo, pp. 141, tab. i. *Bibl. Coll. Acad. Edin.*

1810. MARQUIS, A. L. *Essai sur l'histoire naturelle et médicale des Gentianes. Paris, 4to, pp. 22.

1869. BRANDZA, D. *Histoire botanique et thérapeutique des Gentianacées employées en médecine. Paris, 4to.

GEOFFRÆÆ CORTEX. Vide ANDIRA INERMIS.

GEUM URBANUM, Linn.

Avens, Herb Bennet.

1781. BUCHHAVE, R. Observationes circa radice Gei urbani sive Caryophyllatæ vires in præcipuis corporis humani affectionibus institutas. Hafniæ et Lipsiæ, 8vo, pp. 144, tab. i. Ed. secunda, 1784, pp. 262, tab. i. German transl. by — Tode, Copenhagen, 1782. *Bibl. Banks.*
1783. ANJOU, F. De radice Caryophyllatæ vulgaris officinarum, sive Geo urbano, Linn. Gottingæ, 4to, pp. 36. *Bibl. Banks.*
1784. WEBER, G. H. *De nonnullorum febrifugorum virtute et speciatim Gei urbani radice efficacîâ. Resp. C. V. Koch. Kiloniæ, 4to, pp. 26.
1786. BUCHHAVE, R. Observationes circa radice Gei urbani vires in Febribus præcipue Intermittentibus, aliisque morbis. Hafniæ, 8vo. *Bibl. Med. Soc. Lond.*
- A continuation of the author's experience is contained in a paper entitled "De Gei urbani radice, pharmaco Corticis Peruviani succedaneo," in vol. i of *Acta Regiæ Soc. Med. Hauniensis*, 1787-8. Of this see a full account in *Duncan's Med. Commentaries*, xiv, 1789, p. 43-57.
1799. VASSY, J. R. DE. *De viribus Gei urbani, sive Caryophyllatæ. Lugd. Bat. 8vo, pp. 40. *Bibl. Roy.*
1805. MELANDRI, G. Vide "Colchicum," 1805.
1827. LINDERHOLM, M. G. *Diss. botanico-medica de Geo urbano. Præs. C. P. Thunberg. Upsaliæ, 4to.

GILLENIA (SPIRÆA) TRIFOLIATA, Mönch.

Indian Physic. American Ipecacuanha.

1810. DE LA MOTTA, J. *On the properties and effects of Gillenia (Spiræa) trifoliata, Linn. Philadelphia, pp. 44.
- Contains the best printed account I have found respecting the mode of operation of this plant.—*Bigelow, Amer. Med. Bot.*, iii, p. 15.

GIN-SENG.

1700. BREYNUS (vel BREYNIUS), J. P. *De radice Gin-Sem seu Nisi. (Panax Ginseng, *Nees*.) Præs. F. Dekkers. Lugd. Bat. 4to, pp. 20, tab. col. i. *Bibl. Linn. Soc. ; Banks.*
1718. LAFITAU, J. F. Mémoire concernant la précieuse plante du Gin-Seng de Tartarie (Panax quinquefolius, Linn.) découverte en Canada. Paris, 8vo, pp. 88, tab. i. Nouv. éd. Montreal, 1858. 8vo, pp. 44, tab. i. *Bibl. Linn. Soc. ; Banks.*
1736. VANDERMONDE, J. F., et ST. VAST. *Ergo infirmis a morbo viribus reparandis Ginseng. Paris, 4to.
- Americanum idem cum Sinico esse.—*Haller Bibl. Bot.*, ii, p. 287.

1836. SCHULZ, J. De radice Ginseng vel Ninsi (Panax quinquefolium). Dorpati, 8vo, pp. 32.
 1854. GARRIGUES, S. S. *Chemical investigations on Radix Ginseng Americana, &c. Göttingen, 8vo, pp. 25.
 1860. RAY, A. Der Ginseng, chinesische Kraft-oder Lebensverlängerungs-Wurzel, als ein neuer unvergleichl. Arzneistoff gegen Nervenschwäche, &c. Erlangen, 8vo, pp. 30.

GLECHOMA HEDERACEA, Linn. (HEDERA TERRESTRIS).

Ground Ivy.

1707. RUDBECK, FILIUS, O. *De Hedera. Resp. J. Lundelius. Upsaliæ, 4to, pp. 45. *Bibl. Banks.*
 1736. HEDER, C. A. *De Hederâ terrestri. Altdorfi, 4to, pp. 24. *Bibl. Banks.*
 1787. BENDER, C. B. *Glechoma hederacea, Linn., egregium in Atrophia medicamentum. Erlangæ, 4to, pp. 32. *Bibl. Banks.*

GLOBULARIA VULGARIS, Linn. ?

1875. JACQUÈME, C. Étude sur la Globulaire (Globularia vulgaris ?). Marseille, 8vo, pp. 16.

GLYCERINUM.

Glycerine.

1851. WAKLEY, T. Clinical Reports on the use of Glycerine in the treatment of certain forms of Deafness. London, 8vo, pp. 80. Swedish transl. Stockholm, 1851, 12mo.
 1854. CAP, P. A. Mémoire sur la Glycérine et ses applications aux diverses branches de l'art médical. Paris, 8vo, pp. 32.
 1854. BERTHELOT, M. *Combinaisons de la Glycérine avec les acides, et la reproduction artificielle des corps gras neutres. Paris, 8vo, pp. 112.
 1856. CREVAUX, A. H. *Recherches sur la Glycérine. Strasbourg, 4to, pp. 44.
 1856. LAMBERT-SERON, J. L. De la Glycérine; sur l'emploi de la Glycérine iodée comme succédanée de l'huile de foie de morue. Chauny, 8vo, pp. 24.
 1856. BERTHELOT, M., et DE LUCA, S. Azione dell Joduro e Fosfora sulla Glicerina. Parigi, 8vo, pp. 24.
 1857. BERTHELOT, M., et DE LUCA, S. Sur les combinaisons formées entre la Glycérine et les Acides chlorohydrique, bromohydrique et acétique. Paris, 8vo, pp. 12.
 1859. DAVASSE, J. Note de matière médicale et de thérapeutique sur la Glycérine. Paris, 8vo, pp. 72. German transl. Vienna, 8vo, 1860.
 1860. WILLMOTH, W. B. Glycerine and Cod-Liver Oil, their history, introduction, and therapeutic value. London, 12mo, pp. 197.
 The chemical nature of glycerine is first treated of, and then follow con-

siderations on its employment in various diseases and its combination with other substances and their uses. Amongst others he describes nitro-glycerine. — *Medical Times and Gaz.*, October, 1860, p. 361.

1861. CHAUTARD, A. Considérations sur l'emploi de la Glycérine pour l'administration du Sulfate de Quinine.

Clermont, 8vo, pp. 15.

1863. DEMARQUAY, J. N. De la Glycérine, et de ses applications à la chirurgie et à la médecine. Paris, 8vo, pp. 240. 3me éd. Paris, 1867.

Bibl. Med.-Chir. Soc.

Contains the results of the author's close investigation into the action and uses of glycerine. Everything essential to know concerning it may be found in this monograph, but the most original portion of it is that which relates to the use of this agent in the treatment of wounds.—*Lancet*, July 11th, 1863, p. 43.

1863. SMITH, W. ABBOTTS. On Glycerine, and its uses in medicine, surgery, and pharmacy; being principally an abstract of M. Demarquay's treatise 'De la Glycérine,' &c.

London, 8vo, pp. 69.

Contains a comprehensive account of glycerine, clear and simple, and when the author offers explanations of its action they are commonly satisfactory, Appended are a variety of approved formulæ for its use.—*Brit. and For. Med.-Chir. Rev.*, July, 1864, p. 147.

1865. HARTSHORNE, H. A Monograph on Glycerine and its uses.

Philadelphia, 12mo, pp. 68.

A valuable addition to medical literature. The therapeutical chapter presents a full summary of the application of glycerine in the treatment of disease. The author likewise enters minutely into the history and properties of this substance.—*Amer. Journ. Med. Sci.*, April, 1865, p. 466.

1869. CANQUOIN, —. Considérations relatives aux traitements des Maladies de l'Utérus; application des Glycérolés médicamenteux comme puissants résolutifs dans le traitement de ces affections, &c.

Dijon, 8vo, pp. 15.

1870. STEHBERGER, G. Der Croup und seine Behandlung durch Glycerin-inhalationen.

Mannheim, 8vo, pp. 19.

1871. GAULARD, L. *De la Glycérine.

Paris, 4to.

1873. VELASCO, C. DE. *La Glycérine dans le traitement des Plaies et des Ulcérations des Muqueuses.

Paris, 4to.

1875. PRUNIER, L. *Étude chimique et thérapeutique sur les Glycérines. Paris, 4to. Ibid. 8vo. pp. 63.

GLYCYRRHIZA GLABRA, Linn.

Liquorice.

1711. GOEZ, J. C. *De Glycyrrhiza.

Altdorf, 4to. pp. 35.

Bibl. Banks; Acad. Edin.

1717. WEDEL, G. W. *De Glycyrrhiza. Resp. J. A. Schmid.

Jenæ, 4to, pp. 34, tab. i.

Bibl. Banks.

1856. WHITE, W. J. Meletemata de Sacchari, Manniti et Glycyrrhizini in organismo mutationibus.

Dorpati, 8vo, pp. 36.

GOSSYPIUM, COTTON.

Regarded medicinally.

1827. GERSPACH, J. **Considérations sur l'influence des filatures du Coton sur la santé des ouvriers.* Paris, 4to.
1830. GERSPACH, J. *De l'emploi du Coton comme moyen de dépêcher les vésicatoires.*
1831. SAINT-HILAIRE, F. T. **Quelques réflexions sur les Brûlures et leur traitement par le Coton.* Montpellier, 4to.
- Cotton or cotton-wool has for a long time been a popular application to burns, but it was first brought before the profession in a methodical and satisfactory way by Dr. Anderson, of Glasgow, in 1828. See *Glasgow Med. Journal*, May, 1828.
1839. SICAUD, A. *Mémoire sur l'emploi du Coton en chirurgie.* Montpellier, 8vo.
1871. MEHU, —. *Sur le Coton Iodé.* Paris, 8vo, pp. 20.

GRAPHITE.

1809. WEINHOLD, K. A. *Der Graphit als neuentdecktes Heilmittel gegen die Flechten.* Leipzig, 8vo. Second ed. Meissen, 1812.

Graphite or plumbago recommended as an admirable remedy externally and internally in the treatment of cutaneous diseases.—*Edin Med. Surg. Journal*, April, 1817, p. 141.

GRATIOLA OFFICINALIS, Linn.

Hedge Hyssop.

1738. BÜRCKEL, J. J. *De Gratiola.* Argentorati, 4to, pp. 26.
Bibl. Coll. Surg. Lond.
1775. KOSTRZEWSKI, J. *Diss. medica de Gratiola.*
Vindobonæ, 8vo, pp. 64, tab. i. *Bibl. Banks; Acad. Edin.*
- Divided into four chapters—1 contains a botanical description of the plant; 2, its synonyms and the opinions of various authors as to its medicinal qualities; 3, cases illustrating its powers in mania; and 4, an account of its effects in a variety of complaints—gonorrhœa, chlorosis, syphilitic affections, &c. See *Duncan's Med. Commentaries*, vi, 1779, p. 141.
1777. SPALOWSKY, J. *De Cicuta... Gratiola, &c.* Vide "Conium,"
1777. Vindob. 8vo. *Bibl. Med.-Chir. Soc.*
- Contains a brief account of the botany, medical properties, and therapeutic uses of gratiola, together with formulæ for its administration.
1782. DELIUS, H. F. *De Gratiolâ.* Erlangæ, 4to.
1782. ZOBEL, —. *De Gratiolâ, ejusque usu præsertim chirurgico.*
Erlangæ, 4to, pp. 26.
1784. HARTMANN, P. J. **De Gratiola.*
Traject. ad Viad. 4to, pp. 28, tab. i.
1793. LENTIN, L. F. B. *Von der Wirkung der Gratiola im Wahnsinn.* Jenæ, 8vo.

Contains the details of three successive cases of insanity in which great advantage was derived from the powder of gratiola.—*Duncan's Ann. of Med.*, i, 1796, p. 41.

1796. SOMMER, K. B. De virtute et vi medica Gratiolæ officinalis.
Rigæ, 4to, pp. 26.
1799. DE LA VIGNE, G. F. De Gratiola officinali, ejusque usu
præcipue in Morbis Cutaneis. Erlangæ, 8vo, pp. 46.
Bibl. Roy.
1813. REECE, R. A treatise on the anti-phthysical properties of
Gratiola officinalis or Hedge Hyssop, with directions for its use
in pulmonary consumption and asthma and coughs.
London, 8vo.
- A popular rather than a professional work. *Vide* also "Krameria," 1808.
1818. ERHARD, E. De Gratiola officinali ejusque, præsertim in
Mania, usu. Lipsiæ, 4to, pp. 24.
1845. MARCHAND, E. Faits pour servir à l'histoire chimique de la
Gratirole. Paris, 8vo, pp. 8.

GUACO. *Vide* MIKANIA.

GUANO.

As a medicine.

1852. DEMARS, J. J. Appel au contrôle de tous les Médecins.
Un mot sur les bains de Guano purifié, employés avec succès
dans les Dartres, les Teignes, &c. Paris, 8vo, pp. 16.

GUARANA.

Paullinia sorbilis, Martius.

1865. MANTEGAZZA, P. Del Guarana, nuovo alimento nervoso.
(*Ex. Ann. Univ. de Medicina*, April, 1865).
Milan, 8vo, pp. 56.

After a general history of this article the author furnishes an account of
a series of minute experiments undertaken to ascertain its physiological
effects. For a brief abstract of these and the results see *Brit. and For.*
Med.-Chir. Rev., January, 1868, p. 154-5.

1873. MACDOWALL, W. On Guarana as a remedy in Sick Head-
ache. (*Ex. in Practitioner*, Sept. 1870.)

An excellent paper, throwing much light on the remedial properties of
guarana.

1875. BENNETT, J. H. On the Antagonism between Guaranine and
Meconate of Morphia. *Vide* "Medicines, Properties of," 1875.

GUAIIACI LIGNUM et RESINA.

Guaiaacum.

1518. SCHMAUS, L. Lucubratiuncula de Morbo Gallico et cura ejus
noviter reperta cum Ligno Indico. Augustæ. Vindel. 8vo.

Hic Guaiaci arbor describitur, scriptio datur, ut decocta cum ligno aqua sit
utendum. Hispanos medicos etiam pulverem dare.—*Haller, Bibl. Med.*
Pract., i, p. 504.

1519. HUTTEN, ULRIC VON. De Guaiaci medicina et morbo gallico.
Moguntiæ, 4to. Redit. in 'Luisini Aphrodisiacus,' 1566, *infra*.

It has also passed through several editions and translations into German, French, and English (*vide* 1536).

Bibl. Med.-Chir. Soc. (English transl. 1730).

Bonus libellus, etsi non est medici opus. *Vide* Haller, *Bibl. Med. Pract.*, i, p. 505, where will be found a short abstract of the work.

This work contains a tolerable description of the tree, its wood, bark, and medicinal properties.—*Flückiger and Hanbury, Pharmacographia*, p. 93.

The latest and best edition, in French, is that of Dr. F. F. A. Potton, from the press of Louis Perrin, of Lyon, 8vo, pp. lxxxiv, 218, 1865. It contains numerous and valuable notes, medical, critical, historical, biographical, and bibliographical, and is accompanied by a life and portrait of Von Hutten. The *Bulletin Bibliographique*, 1864-5, p. 168, speaking of this edition, remarks, "Il peut être compté parmi les chefs-d'œuvre de la typographie contemporaine, et les amateurs de beaux et bons livres pourront le placer dans leur bibliothèque au milieu des éditions les plus rares des Étienne, des Elzévir, des Didot, &c. Il referme de très-jolies vignettes."

1525. GALLUS (LECOQ), A. De Ligno Sancto non permiscendo. Paris, 8vo. Ibid. 1540, 8vo. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.) *Bibl. Med.-Chir. Soc.* (ed. 1540).

Pro mercuriali frictione ante Theod. de Hery scripsit. Discrimen Ligni Sancti et Guaiaci ostendit, lignum sanctum præfert et describit.—*Haller, Bibl. Bot.*, i, p. 259.

1527. BETHENCOURT, J. Dialogus Aquæ Argenti vivi et Ligni Guaiaci, &c. *Vide* "Hydrargyrum," 1527. Paris, 8vo.

1529. DELGARDO (*vel* DELICADO), F. El modo de adoprare il Legno de India Occidentale, salutifero remedio ad ogni piaga e mal incurabile. Venet. 4to. Ibid. 1549?

Ipse per 20 annos malo venereo laboravit et plurima in nosodochio mala passus, demum a. 1526, usu decocti liqui sancti convaluit... Ipse electuarium ex eo ligno parabat et vendebat, quod arcanum sibi servat.—*Haller, Bibl. Med. Pract.*, i, p. 520.

1536. POLL, N. De curâ morbi gallici per Lignum Guayacanum, libellus. Venet. 4to, et Basil. 1536. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.)

1536. PAYNEL, T. On the wood called Guayacum that healeth the French poxes, and also helpeth the Goute in the Feete, the Stone, the Palsey, Lepree, Dropsy, Fallynge Euyll, and other diseases. Translation of Von Hutten's work, 1519, *antè*. London, 4to. *Bibl. Banks.*

1537. FERRI, A. De Ligni Sancti multiplici medicina et exhibitione. Romæ, 4to. Ed. alt. Romæ, 1538, 8vo; Basil. 1538, 8vo; Paris, 1540, 1542; Lugd. Bat. 1547, 12mo; Poitiers, 1546, 16mo, et 1550, 8vo. *Vide etiam* "Ryff, W. H.," 1541, *infra*. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.) *Bibl. Radcliffe.*

Fusissime de eo ligno et de ejus externis et internis qualitatibus utendique ratione et modo. De morbis a capite ad pedes curandis per lignum sanctum.—*Haller, Bibl. Med. Pract.*, ii, p. 33.

1540. BONACOSSUS, H. De Ligno Sancto Bonon. 12mo.

1541. FUCHS, R. De methodo curandi Luem veneream per Guaici decoctum. Paris, 4to.

Capite xii et sequentibus lignum indicum describit, ejusque usum.—*Haller, Bibl. Bot.*, i, p. 293.

1541. RYFF, W. H. Vom Guajaco. Strassburg, 8vo.

This is a German translation from the Latin of A. Ferri (1537), with the omission of the name of the true or original author!—*Haller*.

1542. BLONDUS, M. A. De origine Morbi Gallici deque Ligni Indici ancipiti proprietate. (Ex. in *Uffenbachii Thes. Chirurg.*, p. 965.) Romæ, 8vo; Venetiis, 1542, 8vo; Tiguri, 1555, folio.

Bibl. Acad. Edin.

Guaiaco curatos fere omnes relapsos esse.—*Haller, Bibl. Med. Pract.*, i, p. 519.

1553. BONACOSSUS, H. De humorum exuperantium signis...De modo præparandi aquam Ligni Sancti, &c. Bononiæ, 4to.

1566. LUISINUS, A. Aphrodisiacus, sive de Morbo Gallico omnia quæ exstant apud omnes medicos cujusque nationis, vel ex integris libris, vel quoque aliunde hujus affectûs curationem tradentibus; de Ligno Indico, Salsaparilla, Radice Chinæ, Argento vivo, naturæque rebus omnibus ad hujus Luis curationem inventis. Venetiis, folio. Ibid. Venet. 1599. Idem editus ab H. Boerhaave, Lugd. Bat. 2 vols. folio, 1728. Supplement by C. G. Gruner, Jenæ, folio, 1789. Summary or abridged English translation of Boerhaave's edition by D. Turner, London, 8vo, 1736.

Bibl. Acad. Edin.; *Coll. Surg. Lond.* (ed. 1566); *Coll. Phys. Edin.* (ed. 1599); *Med.-Chir. Soc.* (ed. 1789, with Gruner's supplement and Turner's summary).

This work contains notices or abstracts of the writings of fifty-nine of the earliest writers on syphilis, its history, and various modes of treatment. It presents many points of interest both from an historical and medical point of view. The writers on guaiacum noticed are Hutten (1519), Gallus (1525), Poll (1536), Brassavolus (1555), Ferri (1566), and C. Ferrandus (n. d.). In addition to these there are incidental notices of guaiacum in the writings of several others. Their concurrent testimony is strongly in favour of the antisymphilitic virtues of a decoction of the wood. Ferrandus, indeed, as cited by Turner in his Summary (p. 87), remarks "this divine medicament truly deserves the name we have here given it of 'Lignum Sanctum.' No mention is made by these writers of the resin, which, according to Flückiger and Hanbury (*Pharmacographia*, p. 95), was first admitted into the London Pharmacopœia in 1677.

1592. WITTICH, J. Vom Ligno Guaiaco, Wunderbaum, China, Sarsaparilla, Sassafras, Lignum Nephriticum. Lipsiæ, 4to. Ibid. 1603, 4to.

Origo luis venereæ; guaiacum ejus morbi verum esse antidotum, de ejus adhibendi modo.—*Haller, Bibl. Med. Pract.*, ii, p. 140.

1592. SCHYLANDER or SHILANDER, C. His Chirurgerie ..With an easie maner of drawing Oyle out of Wound-hearbes, Turpentine, Guaiacum and Waxe. Translated from the Latine by S. Hobbes. London, 4to. Black letter. *Bibl. Med.-Chir. Soc.*

1592. (Anon.) De usu Ligni Guaiaci in Epilepsia, &c.

Francof. folio.

1593. MINETTUS, H. Quæstio non minus pulchra quam utilis de Sarzaparillæ et Ligni Sancti viribus. Senis, 4to.

Decides in favour of the superior efficacy of sarsaparilla, a position attacked by the next writer.

1594. RECTORIUS (*vel* RETTORI), L. De indole et qualitate Guaiaci et Sarsæ-parillæ. *Vide* "Sarsaparilla," 1594. Bunoniæ, 4to.
1601. CLEMENS, C. Disputationes medicæ de natura et facultatibus Ligni Sancti. Romæ, 4to.
1602. CANEVARIUS, D. De Ligno Sancto commentarius, &c. Romæ, 8vo, pp. 141. *Bibl. Banks.*
1602. CAGNATUS, M. De Ligno Sancto disputationes binæ. Romæ, 4to. (Acced. ad ejus "De morte causa Partus," &c.) *Bibl. Med.-Chir. Soc.*
1605. CLAUDINUS, J. C. Paradoxa medica seu tract. de natura et usu... Guaiaci, &c. Francof. 4to. Ibid. 1660.
1624. JUNCKER, J. Compendiosa methodus therapeutica, qua morborum fere incurabilium curationes docentur, per solam diætam et Ligni Guaiaci præparati administrationem. Erfordiæ, 4to. *Bibl. Med.-Chir. Soc.*
- Ad curandum luem lignum guaiacum præfert omnibus aliis auxiliis, ei hydrargyrum substitui posse.—*Haller, Bibl. Med. Pract.*, ii, p. 479.
1642. ABRAES, D. M. Methodo de conhecer, e curar o Morbo Gallico... e se trata do... Guaiacão, Páo Santo, &c. Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.
1659. FESQUET, —. *Ergo Luis curatio per Guajacum quam per hydrargyrum tutior? Monspel. 4to.
1665. FRIDERICI, J. A. *Guajacan. Resp. J. G. Keyser. Jenæ, 4to, pp. 16. *Bibl. Banks.*
1719. SHORT, P. *De medicata Guajaci virtute. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*
1779. GRUNER, C. G. De specifico antipodagrico Americano (Guaiaco). (In *Baldinger's Sylloge*, vol. iv, p. 108.) Jenæ, 4to.
1782. ACKERMANN, J. F. *De tincturæ Guaiacinæ virtute antarthritica. Resp. E. F. Eckhoff. Kiliæ, 4to, pp. 27.
1782. DUFAU, J. *Vide* "Lobelia syphilitica."
1786. WEISMANTEL, J. N. Sur la vertu et les propriétés de Gayac contre la Goutte. Erfurt.
1798. EXTER, J. G. AB. De Podagra, et maxime efficaci Gummi Guaiaci in Spiritu Nitri dulci sumpti...usu. Francof. ? 4to.
1800. THALACKER, J. F. *De Gummi et Ligni Guaiaci virtutibus et usu medico. Jenæ, 4to, pp. 42.
1804. DOUBLE, F. J. Considérations médicales sur le Gayac. (Guaiacum officinale, *Linn.*) (Ex. in *Mém. de la Soc. de Méd.*, xix, 1804, p. 278-82.)

Nutzen desselben in der phthisis pituitosa.—*Callisen*, vol. v, p. 291.

1835. COMFORD, R. *Diss. medico-pharmacologica de Guajaco. Viennæ, 4to.

GUTTA PERCHA.

1851. UYTTERHOEVEN, A. De l'application de la Gutta-Percha au traitement des fractures, &c. Bruxelles, 8vo, pp. 45, plates.
1852. DELABARRE, A. De la Gutta-Percha, et de son application aux dentures artificielles en remplacement des plaques métalliques et des substances osseuses corruptibles. Paris, 8vo, pp. 56.
1853. TRUMAN, E. The construction of artificial teeth with Gutta Percha, &c. Second ed. London, 8vo, pp. 60.
1855. ULRICH, F. X. Gutta Percha Verbände bei Knochenbrüchen. Vienna, 8vo, pp. 28.
1860. PAQUET, —. Traitement chirurgical et orthopédique par la Gutta-Percha ferrée, inventé et appliqué par Dr. Paquet. Roubaix, 8vo, pp. 96.
1868. VIDIL, H. *De la Gutta-Percha et de ses applications en chirurgie. Paris, 4to.

HÆMATOXYLON CAMPECHIANUM, Linn.

Logwood.

1780. WEINRICH, G. A. *Diss. de Hæmatoxylo Campechiano. Erlangæ, 4to, pp. 38. Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, p. 187. *Bibl. Linn. Soc.; Med.-Chir. Soc.* (Schlegel).
- Contains a fair account of logwood, its botanical source and pharmacological history. Its value in dysentery and diarrhœa, and the various modes of its administration, &c., occupy the latter half of the treatise.

HELIX POMATIA, the Snail, and HÉLICINE.

1808. TARENNE, M. G. Cochliopérie; Recueil des expériences très curieuses sur les Hélices terrestres ou Escargot, &c.

Paris, 8vo.

The author states that having observed that the slimy juice of the snail has long been used with success in diseases of the chest, and noticing its astringency, &c., he was led to conjecture that this juice when applied to the skin would readily penetrate it and act upon subjacent parts; hence he was led to apply it to hernial apertures with the view of causing their contraction or closure. He asserts that in this way he succeeded in obtaining radical cures! "Though there is no rational expectation that a cure can be thus affected, yet the positive manner in which M. Tarenne relates his cases will induce some, perhaps, to give his method a trial." For the method, &c., see *London Med. Phys. Journ.*, xxiv, 1810, p. 18.

1813. WOHNLICH, W. De Helice Pomatia e classe molluscorum gastro-podon. Wirceburgi, 4to, plate. *Bibl. Med.-Chir. Soc.*
1854. DE LAMARE, E. De la guérison de la Phthisie Pulmonaire par l'Hélicine. Paris, 8vo, pp. 28.

In this brochure the author sets forth the virtues of helicine, a glutinous extract prepared from the snail, which in the form of broth has long been a popular domestic remedy in cases of consumption.

HELLEBORUS NIGER, L., et alt. Sp.

Black Hellebore and other varieties.

1577. GESNER, C. *Epistolæ Medicinales, &c....de Oxymelite Elleborato.* Tiguri, 4to. *Bibl. Radcliffe.*
1597. KUNRATH, C. C. *Fünf schöne Tractätlein der Elleboro, Rore-solis, Absinthio, Saccharo und der Schlange.* Leipzig, 8vo.
1610. CODRONCHUS, B. *De Rabie...et de Elleboro.* Francof. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1616. HOLTZEMIUS, P. *Essentia Hellebori extracta.* Colon. Agrip. 8vo.
1623. HOLTZEMIUS, P. *Essentia Hellebori rediiva secundo extracta, &c.* Colon. Agrip. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1665. DELSINGERUS, A. *Literæ de Hellebori nigri natura et viribus, &c.*
This work is given on the authority of Mérat and De Lens; no notice of it is taken by Haller or Pritzel.
1684. CAMERARIUS, R. J. **Helleborus niger medice delineatus.* Præs. G. B. Mezger. Tubingæ, 4to, pp. 28.
1721. WOLLEBIUS, L. *De Helleboro nigro.* Basileæ, 4to, pp. 24.
Varietates, analysis et doses.—Haller, Bibl. Bot., ii, p. 106.
1733. BACHOVIVS, G. C. **De Helleboro nigro.* Præs. J. J. Baier. Altdorfi, 4to, pp. 16. *Bibl. Linn. Soc.*
1751. STEGMANN, J. A. C. **De salutari et noxio Ellebori nigri ejusque præparatorum usu.* Præs. A. E. Büchner. Halæ, 4to. *Bibl. Radcliffe.*
1774. BOEHMER, P. A. *De Hellebori nigri atque præsertim viridis usu medico.* Halæ, 4to, pp. 23.
1774. LINCKE, P. C. *De Hellebori nigri atque præsertim viridis usu medico.* Halæ, 4to, pp. 23.
1775. LINCKE, P. C. *De Hellebori viridis in Fluore Albo Venereo usu medico.* Servestæ, 4to, pp. 18.
1786. HARTMANN, P. I. *Diss. virtutem Hellebori nigri hydragogam nuperis aliquot exemplis confirmans.* Resp. C. G. Franz. Trajecti. ad Viad. 4to, pp. 23. *Bibl. Roy.*
1817. SCHABEL, A. **Diss. de effectibus Veneni radicum Veratri albi et Hellebori nigri.* Tubingæ, 12mo. *Bibl. Med.-Chir. Soc.*
The best account of the effects of Veratrum album is contained in this thesis. Collecting together the experiments made by Wepfer, Courten, Viborg, and Orfila, and adding some excellent experiments of his own, he infers that it is poisonous to animals of all classes.—*Christison on Poisons*, 4th ed., 1845, p. 879. For a summary of Schabel's conclusions see *London Med. Phys. Journal*, xli, 1819, p. 118.
1818. KERR, G. *Medical Sketches: on the use of Hellebore as a remedy for Insanity, &c.* London, 8vo. *Bibl. Med.-Chir. Soc.*

1819. TOBIAS, M. *De Hellebori nigri indole chemica et usu medico. Berolini, 8vo, pp. 28.
 1844. PESSANI, P. *De Helleboro nigro. Paviæ, 8vo, pp. 38.

HELLEBORE OF THE ANCIENTS.

1594. BAUSCH, L. Comment. in Hippocratem de medicamento purgante et de usu Veratri. Madrit. folio.
 1622. CASTELLUS, P. Epistola in qua agitur, nomine Hellebori simpliciter prolato, tum apud Hippocratem tum apud alios auctores intelligendum album. Romæ, 4to, pp. 28. *Bibl. Banks.*

Identifies the hellebore of the ancients with Veratrum album.

1622. CASTELLUS, P. De Helleboro epistola secunda, in qua confirmantur ea, quæ in alia epistola de Helleboro allata fuere. Romæ, 4to, pp. 48. *Bibl. Banks.*

Epistolam suam priorem contra Manelphum tuetur. Hippocratem, quoties simpliciter vocem Hellebori adhibet, album semper intelligere; vocem nigri, aut deorsum purgantis, addere, quoties nigrum vult. Eo albo helleboro veteres ad melancholiam et insaniam sanandam usos esse, ut tristibus tantum melancholicis niger helleborus servaretur, &c.—*Haller, Bibl. Bot.*, i, p. 427.

1717. SCHULZE, J. H. De Helleborismis veterum. Halæ, 4to. Ibid. 1743. *Bibl. Coll. Phys. Edin.*

Varios exhibendi albi hellebori apud antiquos modos docet, inter quos decoctum præfert. Ab Erasistrato primum descriptum esse. Inde de nigro helleboro quem veteres etiam adhibuerunt, etsi primo loco album propinarent.—*Haller, Bibl. Bot.*, ii, p. 143.

1812. HAHNEMANN, S. Diss. historico-medica de Helleborismo veterum. Lipsiæ, 8vo, pp. 86. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

1822. SONNTAG, C. A. *De Helleboro veterum cui epimetrum de Veratro albo a recentioribus usitato accedit. Jenæ, 8vo.

1844. RIBBECK, P. De Helleborismo veterum. Berolini, 8vo, pp. 38.

HELMINTHOOCORTICON. Vide PLOCARIA HELMINTHOCORTICON.

HERACLEUM SPHONDYLIIUM, Linn.

Cow Parsnip, Cow Parsley.

1761. CARTHEUSER, J. F. *De Branca ursina Germanica. Resp. J. G. Kunst. Francof. ad Viad. 4to, pp. 20. *Bibl. Banks; Radcliffe (sub nom. Kunst).*

1869. ZINCKE, T. Untersuchung des flüchtigen Oeles in den Früchten von Heracleum Sphondylium. (Chemical.) Göttingen, 8vo, pp. 45.

HERMODACTYL.

1856. PLANCHON, J. E. *Des Hermodactes au point de vue botanique et pharmaceutique. Paris, 4to, tab. i. (Ex *Ann. des Sci. Nat. Bot.*, iv, 1856, p. 132.) *Bibl. Linn. Soc.*

A learned and elaborate brochure, in which the author endeavours to show that hermodactyl is the corm of *Colchicum variegatum*, *Lin.*, a native of the Levant. But one can hardly suppose, as Flückiger and Hanbury observe (*Pharmacographia*, p. 638), that this plant is the source of the hermodactyl (*Súrinján*) of the Indian bazaars, which is stated to be brought from Kashmir. For abstract of Professor Planchon's paper see *Pharm. Journ.*, xv, 1856, p. 465.

HERNIARIA GLABRA, Linn.

Rupture Wort.

1706. GRUHLMANN, J. G. De novo contra Oculorum Caliginem remedio tanquam specifico, Herniaria sive Ocularia. *Jenæ*, 4to, pp. 12.

HIERACEUM VENOSUM, Linn.

1828. HARLAN, R. Experiments made on the poison of the Rattlesnake, in which the powers of the Hieraceum venosum as a specific were tested, &c. Philadelphia? 4to. *Bibl. Med.-Chir. Soc.*

HIRUDO MEDICINALIS.

The Medicinal Leech.

1583. BOTALLUS, L. De curatione per sanguinis missionem, de incidendæ venæ, cutis scarificandæ et Hirudinum affigendarum modo. Antwerp, 8vo. Lyon, 1590, 8vo; *ibid.* 1655, 8vo. Full abstract of contents in *Haller, Bibl.-Med. Pract.*, ii, p. 127.

1638. CORTES, H. Summa medendi methodus, in qua de phlebotomia, medicis cucurbitulis, Hirudinibus, earumque recto usu disseritur. *Venetiis*, 4to.

1652. HEVNIUS (*vel* HEUNIUS), J. De Hirudinibus earumque in medicina efficacia. *Greifswald*. 12mo.

1658. (Anon.) Treatise on Phlebotomy, with the use of Cupping Glasses and Leeches. *London*, 8vo.

1665. NIGRISOLI, H. Progymnasmata sex: 1. de Hirudinum applicatione internæ parieti uteri in puerperis et mensium suppressione. *Guastallæ*, 4to.

Guilbert (*infra*, 1826), from an examination of this work, is of opinion that Nigrisoli applied leeches to the internal surface of the vagina and not to the os uteri itself, as he considered he did.

1672. METZGER, G. B. Thesium chiriaticarum sylloge quarta, de Hirudine. Resp. G. L. Herbert. *Tubingæ*, 4to.

1695. CRAUSIUS, R. W. *De Hirudinibus. Resp. J. L. Kampe. *Jenæ*, 4to, pp. 28. *Bibl. Banks.*

1699. COLERUS, J. J. *De Sanguisugarum utilitate. Præs. G. E. Stahl. Halæ, 4to, pp. 24. Ibid. 1715. (In *Haller, Disp. ad Morb.*, vii, p. 376.) *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*
- Potissimum ad hæmorrhoides earum usus pertinet, quarum vasa deplent, eas absque irritatione revocant. Vidit earum usu lienem obstructum liberatum, hypochondriaca mala curata; arthritidem sublevant. Quare earum usum vehementer commendat.—*Haller, Bibl. Med. Pract.*, iii, p. 580.
1713. SCHRADER, F. Diss. de Hirudinibus. [Helmstadii, 4to. *Bibl. Roy.*
1738. HECQUET, P. La Médecine Naturelle, vue dans l'usage des Calmants, des Sangsues, &c. Paris, 2 vols. 12mo. *Bibl. Med.-Chir. Soc.*
1750. CHOMEL, J. B. L., et MORAND, J. F. C. *Ergo tumidis Hæmorrhoidibus Hirudines. Paris, 4to. (Ex. in *Haller, Disp. Med.*, vol. iv.) *Bibl. Med.-Chir. Soc.* (Haller).
1758. GISLER, N. Om Blod-iglars nytta uti medicin. Stockholm, 8vo.
1763. LEIDENFROST, J. G. *De Hirudinibus sanguisugis. Resp. H. Hannes. Duisburgi, 4to.
1764. LINNÆUS, C. *Hirudo medicinalis. Resp. D. Weser. (In *Amæn. Acad.*, vol. vii, p. 32.) Upsaliæ, 4to, pp. 15. *Bibl. Linn. Soc.; Banks.*
- A practical little thesis, dealing mainly with the medicinal uses of leeches rather than with their natural history.
1776. BENING, B. F. *Diss. zoologico-medica de Hirudine. Harderv. 4to, pp. 32. *Bibl. Banks.*
1777. HARTMANN, J. B. De Hirudine medicinali. Vindobonæ, 8vo.
1778. DELAPLANCHE, M. F. *An suppressis prioribus lochiis Hirudines? Paris, 4to.
1780. GRUNER, C. G. Progr. de recta Hirudinum applicatione. Jenæ, 4to.
1789. BACH, A. Abhandlung über den Nutzen der Blutegelen in der Arzneiwissenschaft. Breslau, 8vo. *Bibl. Roy.*
1789. EXTER, J. G. AB. Diss. de Podagra et...Hirudinum in ea usu. Franequer. 4to.
1798. HORN, G. Treatise on Leeches, wherein the nature, properties, and uses of that most singular and useful reptile are clearly set forth. London, 8vo. Alt. ed. New York, 8vo, 1805. *Bibl. Acad. Edin.*
1803. ROCHETTE, G. Essai médical sur les Sangsues. Paris et Londres, 8vo.
- 1804? CHALVET, C. D. Quelques idées générales sur l'action des Sangsues dans les Phlegmasies, particulièrement sur leur application dans la Pleurésie. Paris, 4to.

1806. THOMAS, P. Mémoire pour servir à l'histoire des Sangsues.
Paris, 8vo, pp. 150.
1809. VITET, L. Traité de la Sangsue médicinale. Paris, 8vo, tab. i.
Bibl. Manchester Med. Soc.
- Very highly spoken of in a full analytical review in *London Med. Phys. Journ.*, xxvi, 1811, p. 408—416.
1811. CLESIUS, J. Beschreibung des medizinischen Blutigels, &c.
Hadamar, 8vo, pp. 71, tab. ii. *Bibl. Med.-Chir. Soc.*
1813. WATSON, G. *De Hirudinibus. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1814. POURCHER DUCROS, J. B. *Sur l'emploi des Sangsues en médecine. Paris, 4to, pp. 19.
1814. JOHNSON, J. R. *De Hirudine. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1816. JOHNSON, J. R. A treatise on the Medicinal Leech, including its medical and natural history, with a description of its anatomical structure; also remarks upon the diseases, preservation, and management of Leeches. London, 8vo, pp. 147, tab. ii.
"Further Observations," 1825, London, 8vo, pp. 112.
Bibl. Med.-Chir. Soc.
- Contains much information and some novelty.—*Edin. Med. Surg. Journ.*, July, 1816, p. 364. With reference to the "Further Observations," 1825, the reviewer in the *Medical Times*, April 5th, 1851, p. 379, remarks that they contain much information valuable alike to the zoologist and medical philosopher.
1817. KUNTZMANN, J. H. L. Untersuchungen über den Blutegel. Berlin, 8vo, pp. 107, tab. v. *Bibl. Med.-Chir. Soc.*
- For a lengthened abstract of this work see *London Med. Phys. Journ.*, xli, 1819, pp. 312, 399, 480.
1819. DEBEAUNER, L. *Anatomie de la Sangsue: sur son usage en médecine. Paris, 4to.
1819. SCHELLER, A. A. *Emploi des Sangsues en médecine. Paris, 4to.
1820. KNOLZ, J. J. Naturhistorische Abhandlung über den Blutegel und ihren medicinischen Gebrauch. Vienna, 8vo, pl. 2.
Bibl. Roy.
1820. GRESELY, L. *Sangsues et nouveaux scarificateurs. Paris, 4to.
1820. CARENA, H. Monographie du genre Hirudo, &c. Turin, 8vo, col. plates.
1821. LENOBLE, —. Notice sur la conservation et la reproduction des Sangsues. Versailles, 8vo.
1821. FREUDENTHAL, C. G. Comment. med.-chirurg. sistens venæsectionis et Hirudinum applicationis perlibrationem atquæ æstimationem, &c. Gottingæ, 4to, pp. 78.
1822. CHAMBIGE, M. L. *Emploi des Sangsues. Paris, 4to.

1822. PRICE, R. On the utility of Sanguisuction or Leech-Bleeding in the treatment of a great variety of diseases. London, 12mo, pp. 152. *Bibl. Coll. Surg. Lond.*

This little work indicates no inconsiderable research among ancient authors, and, what is perhaps of equal value, good sense and judgment respecting those things which have fallen under his own observation.—*Med.-Chir. Rev.*, July, 1826, p. 69.

1823. VAN CALCAR, A. De Hirudinis historia naturali et usu medico. Lugd. Bat. 8vo. *Bibl. Roy.*

1824. MAGNY, P. N. *L'emploi des Sangsues en médecine. Paris, 4to.

1825. DERHEIMS, J. C. Histoire naturelle et médicale des Sangsues. Paris, 8vo, tab. 6. *Bibl. Facult. Phys. Surg. Glasgow.*

1825. PICQUET, J. B. Avis au public sur l'emploi raisonné des Sangsues. Saint-Claude, 8vo, pp. 32.

1826. GUILBERT, J. N. Considérations pratiques sur certaines affections de l'Utérus, en particulier sur la Phlegmasie Chronique, avec l'Engorgement du col de cet organe, et sur les avantages de l'application immédiate des Sangsues dans cette maladie.

Paris, 8vo. 2me éd. 1831, 8vo, pp. 126.

For an abstract of M. Guilbert's views see *Med.-Chir. Rev.*, October, 1826 p. 508—511.

1827. MOQUIN-TANDON, A. Monographie de la famille des Hirudinées. Paris, 4to. Nouv. éd. 1846, q. v. *Bibl. Med.-Chir. Soc.*

1827. FISCHER, J. F. F. *De Hirudine medicinali. Berol. 8vo, pp. 30.

1830. KEMPER, E. J. H. *De applicatione Hirudinum ad portionem uteri vaginalem. Berol. 8vo, pp. 24. *Bibl. Coll. Phys. Edin.*

1830. MÜLLER, L. G. Der medizinische Blutegel, &c. Quedlingburg, 8vo, pp. 70.

1831. NOTT, J. C. *An Essay on Leeches. Columbia, Pa. 8vo.

1833. GEOGHEGAN, E. Observations on the effects of Bloodletting containing an Investigation of the practice of general and local abstraction of blood; also how far Leeches may be efficacious independently of the evacuation they produce, &c.

London, 8vo.

1835. OTTO, K. A. F. Der medizinische Blutegel. Weimar, 8vo, tab. lith. 7.

1835. AULAGNIER, —. Mémoire sur l'Hirudo vorax de l'Algérie. Paris, 8vo.

1838. CHARPENTIER, A. Monographie des Sangsues médicinales. Paris, 8vo.

Report on this memoir by MM. Boullay et Guibourt. Vide *Journ. de Pharm.*, xxiv, p. 310.

1841. SCHÖFFER, C. Der medizinische Blutegel.
Quedlingburg, 8vo, pp. 132.
1841. HUDSON, J. Treatise on the Medicinal Leech. Hull, 8vo.
Without any claim to the character of a scientific monograph, this brochure supplies many facts alike curious and useful on the reproduction and economical management of the medicinal leech.—*Medical Times*, April 5th, 1851, p. 579.
1842. GUIBOUT, HENRY, et HUZARD. Rapport sur un Mémoire de M. Derheim intitulé "Quelques considérations physiologiques sur les moyens d'économiser les Sangsues." (*Bull. de l'Acad. Royale de Méd.*, vii, p. 981.)
1842. WEDECKE, —. Der medizinische Blutegel, in naturhist. und ökonom. Hinsicht, &c. Berol, 8vo.
1843. ESCOLAR, D. S. Apuntes para la Historia Natural y Medica de la Sanguijuela. Madrid.
Divided into two parts, considering the leech (1) in its zoological relations, and (2) in its use in practical medicine; on both these the author offers many interesting observations. It concludes with an account of the various instruments which have been proposed to replace the leech in practice, *e.g.* the bdellometer of Sarlandière, the bdellophore of Charpentière, the artificial leech of Johnson, &c. None of these instruments, however, have been found to effectually supply the place of the leech. See analytical review in *Medical Times*, April 5th, 1851, p. 377.
1844. EGIDY, H. E. Die Blutegelzucht nach Ergebnissen der Erfahr. dargestellt, nächst ausführl. Beschreib. des Blutegels, &c. Zittau, 12mo, tab. 4.
- 1844 (1833?). SCHEEL, A. W. L. Der medizinische Blutegel, &c. Breslau, 8vo, tab. 1.
1844. CHEVALLIER, A. Note sur le commerce des Sangsues et sur les fraudes nuisibles pratiquées dans la vente de ces annélides. Paris, 8vo. pp. 56. Ex. in "Ann. d'Hygiène," xxxiv, p. 41.
1845. MARTIN, J. Histoire pratique des Sangsues. Paris, 8vo.
1846. MOQUIN-TANDON, A. Monographie de la famille des Hirudinées, nouvelle édition revue et augmentée. Paris, 8vo, pp. 448, avec atlas de 14 pl. gr. et col.
Cet ouvrage est ainsi divisé—*Histoire de l'étude.*—Description des organes et des fonctions, systèmes cutané, locomoteur, sensitif, digestif, sécrétoire, circulatoire, respiratoire, reproducteur, symétrie des organes, durée de la vie et accroissement, habitations, stations.—*Emploi des sangsues en médecine.* Pêche, conservation, multiplication, maladies, transport et commerce, application et réapplication.—*Description de la famille, des genres et des espèces:* hirudinées, albionniennes, bdelliennes, siphoniennes, planériennes.—*Bull. Bibliog.* 1860, p. 48.
1853. HERVIEUX, E. De l'application des Sangsues chez les enfants, des accidents qu'elles déterminent et les moyens d'y remédier. Batignolles, 8vo, pp. 20.

1854. FERMOND, C. Monographie des Sangsues Médicinales ; avec 36 figs. Paris, 8vo. German transl. by C. H. Schmidt. Weimer, 1859, 8vo, pp. 267.
1857. EBBARD, E. Nouvelle monographie des Sangsues Médicinales, description, classification, nutrition, reproduction, qualités des diverses races, des maladies. Paris, 8vo, avec 12 pl. contenant 104 fig., dont 76 col. *Bibl. Med.-Chir. Soc.*
1859. ROUCHER, C. Mémoire sur l'emploi et réemploi des Sangsues, observations faites à l'hôpital de Philippeville (Algérie). Paris, 8vo, pp. 32.
1863. STANELLI, R. Über Blutegel und Blutegelzuchtanlagen. Berlin, 8vo, pp. 32.
1863. BENEDEN, P. J. VAN, et HESSE, C. E. Recherches sur les Bdellodes ou Hirudinées et les trématodes marins. Bruxelles et Paris, 4to, pp. 142, tab. col. 14. Appendices i—iv, p. 142 — 168, avec 2 pl. en partie col.
1868. NEGUS, R. P. Essay on Leeches. A practical handbook, with preface by Dr. F. Mueller. Melbourne, 8vo, pp. 35.
1870. SILVA, H. Observations sur la pathologie, la thérapeutique et la récolte des Sangsues. Paris, 8vo, pp. 16.

HUMULUS LUPULUS, Linn., et LUPULIN.

The Hop, and its Active Principle Lupuline.

1587. BROMELIUS, O. Lupologia, eller en liten tractat om humlegårdar. Stockholm, 12mo, pp. 24. Alt. ed. Stockholm, 1740, 8vo, pp. 78. *Bibl. Linn. Soc.*
1718. EHINGER, J. *Diss. de Lupulo. Præs. J. J. Baier. Altfordi, 4to, pp. 20. *Bibl. Banks.*
1803. ROCHES, J. J. DE. *De Humuli Lupuli viribus medicis. Edin. 8vo, pp. 39. *Bibl. Med.-Chir. Soc. ; Acad. Edin.*
1805. BRYARLY, W. *Essay on the Lupulus communis of Gärtner, or the Common Hop. Philadelphia, 8vo.
- 1806? FREAKE, A. Observations on the Humulus Lupulus of Linnæus, with its use in Gout and other diseases, with cases and communications. London, 8vo, pp. 47. Second ed. London, 1816, 8vo. *Bibl. Med.-Chir. Soc.*

Mr. Freake has the merit of calling attention to a medicine whose virtues have been either overlooked or overrated. The author apparently belongs to the latter class. He is persuaded that it is eminently beneficial as an alterative and tonic, that it is a good diuretic, that it acts gently as an aperient, that it possesses considerable power as a sedative, and that it has great power in "correcting acrimony"! A great objection to the conclusions drawn by Mr. Freake, especially with regard to the value of the hop in gout, is that other remedies of known efficacy were exhibited at the same time with it. Amongst the communications is one from Dr. Maton, which in the opinion of the reviewer (*infra*) "is fairly worth all the rest put together."—*Edin. Med. Surg. Journ.*, iii, 1807, p. 351—4.

1811. FREAKER, A. Additional cases, with further directions, relating to the use of Humulus or Hops in Gout and Rheumatic Affections. London, 8vo.
1823. PAYEN, A., et CHEVALLIER, A. Mémoire sur le Houblon... son analyse, &c., suivi d'une notice sur les avantages de substituer en médecine la matière jaune active de Houblon aux fleurs de cette même plante. Paris, 8vo, pp. 52. 3me éd. Paris, 1825, 8vo, pp. 68. 4me éd. Paris, 1828, 12mo, pp. 72, tab. 2.
1854. PERSONNE, J. Histoire chimique et naturelle du Lupulin. Paris, 8vo, pp. 40, tab. 1.
1867. MÉHU, A. *L'étude du Houblon et du Lupulin. Montpellier, 8vo, pp. 94, tab. 1.
1869. FRONMÜLLER, D. On Lupulin. *Vide* "Narcotics," 1869.

HYDRARGYRUM.

Mercury and Mercurials generally.

1527. BETHENCOURT, JACOB, A. Nova Pœnitialis Quadragesima, necnon Purgatorium in morbum Gallicum seu Venereum, una cum Dialogo Aquæ Argenti vivi, ac Ligni Guaiaci, collectantium super dicti morbi curationis prælatura, opus fructiferum. Paris, 8vo, pp. 120. Traduction Française avec commentaires par Dr. A. Fournier, Paris, 1870.

Morbum venereum novum esse, ann. 1495 primum adnotatum...Inunctionem (mercurialem) jubet sexto die, aut septimo, leni laxante medicamento interrompere, tum aliquot diebus quiescere; scirrhus duos et ulcera esthiomena longiorem inunctionem requirere...Guaiacum humidis et pituitosis ægris convenire: aquam argenti præstare reliquis auxiliis; ita hydrargyrum vocat.—*Haller, Bibl. Med. Pract.*, i, p. 514.

Of Dr. Fournier's translation of this rare volume, published under the title of 'Nouveau Carême de Pénitence et Purgatoire d'Expiation à l'usage des malades affectés du Mal Français ou Mal Vénérien,' &c., there is an interesting account in the *Brit. and For. Med.-Chir. Rev.*, January, 1872, p. 150. It is there spoken of as containing a world of curiosity, of which not the least notable is the dialogue between mercury and guaiacum, a portion of which is cited. Whichever was employed, it was, as the reviewer justly remarks, "a sort of purgatory which the patient had to pass through." The original work is very rare, not a copy existing in any of the British libraries whose catalogues have been examined. It is said to be the earliest work published in France on the venereal disease. It is not included in the 'Aphrodisiacus' of Luisinus, 1566 q. v.

1566. LUISINUS, A. Aphrodisiacus, seu de Morbo Gallico, &c., de Ligno Indico...Argento vivo, &c. *Vide* "Guaiacum," 1566. Venetiis, folio.

In this collection of fifty-nine of the earliest treatises on venereal disease there is not one which treats specifically of mercury, but in the majority of them there are incidental notices of its employment as a local or external application. Thus W. H. Brackanau (1514), John de Vigo (1518), and J. Paschal (1534), give directions for mercurial ointments, plasters, and lotions to be used by way of inunction, and Fracastorius (1555) advocates mercurial fumigation. Fallopius (1565) appears to have been one of the first to administer it internally, mercury constituting the basis of his *Pill. ex Præcipitato*, to which great virtues were assigned. Two years previously, however, P. Bayrus, of Turin, speaks of a pill held in his time in great

repute called *Pill. contra Morbum Gallicum*, of which mercury formed an ingredient. The first who entered a protest against its use, whether externally or internally, appears to have been D. Leoni in 1562; he pronounces it a poison, inducing paralysis, tremors, convulsions, and a "train of the most baneful nervous symptoms."

1579. GISELINUS, VICTOR. *De Hydrargyri usu, ad Martin Everardum.* Antwerp, 8vo.

1596. QUIQUEBŒUF, A., et PAULMIER, P. *Non ergo Hydrargyrum Luis Venereæ alexipharmacum. Paris, 4to.

Leve malum hydrargyro cedere; in gravi casu ossibusque adfectis debere frigus hydrargyri guaiaco emendari.—*Haller, Bibl. Med. Pract.*, ii, p. 319.

1603. BALCIANELLO, J. Discorso contro l'abuso dell' Antimonio preparato, Argento vivo sublimato e del precipitato in medicina solutiva ordinato. Veron. 4to.

1606. RENODÆUS, J., et ARBAUD, G. *An Hydrargyrum tutum Luis indictæ alexipharmacum? Lutetiæ, 4to.

Arbaud was one of the earliest writers who denied that mercury was an antidote to the venereal poison.—*Med.-Chir. Rev.*, October, 1825, p. 436.

1618. KERNER, A. Tetras Chymiatrica; in medicina efficaciam Auri, Mercurii, &c. Erphordiæ, 12mo.

Bibl. Med.-Chir. Soc.; Acad. Edin.

1620. UNTZER, M. Anatomia Mercurii Spagirica, seu de Hydrargyri naturâ, proprietate, viribus atque usu, libri duo. Halæ, 4to.

Bibl. Med.-Chir. Soc.

1634. UNTZER, M. Tract. vii, de Sale, Sulphure, Mercurio, &c. Halæ, 4to.

1642. ARRAES, D. M. Methodo de conhecer, e curar o morbo Gallico, e se trata do Azougue (Mercury), &c.

Lisboa, 4to. Idem, Lisboa, 1683 et 1715, folio.

1646. BOURGEOIS, J. Oratio de Mercurio. Gottingæ, 4to.

1646. DEODATUS, C. Epistola, utrum Hydrargyri inunctio Arthriticis conveniat? Francof, 4to.

1649. BOUJONIER, F., et PATIUS, R. *Quæstio medica est ne certa et optima Luis Venereæ per solam Hydrargyrosin curatio.

Paris, 4to.

Patius regarded mercury as the *only* antidote to syphilis.

1670. ROLFINCIUS, G. Non ens chemicum, Mercurius metallorum et mineralium. Jenæ, 4to.

Bibl. Med.-Chir. Soc.

1673. SCHIPPEL, J. N. *De usu et abusu Mercurii in Lue Venerea. Præs. J. D. Major. Kilijæ, 4to.

Bibl. Coll. Phys. Edin.; Med. Soc. Lond.

Recommends guaiacum, sarsaparilla, &c., generally, and a resort to mercury in desperate cases only. Vide *Haller, Bibl. Med. Pract.*, iii, p. 128.

1682. DODART, D., et BOUDIN, J. *Ergo Cancro Hydrargyrum? Paris, 4to.

1683. LANCILLOTI, C. Farmaceutico Mercuriale overo Trionfo dell' Mercurio. Modena, 12mo.

1684. ABERCROMBY, D. Tuta et efficax Luis Venereæ absque Mercurio curandæ methodus. London, 12mo.

Bibl. Med.-Chir. Soc.; Radcliffe.

Declaims against the advantages of mercurial ptyalism in syphilis.—*Med.-Chir. Rev.*, October, 1825, p. 436.

1695. VATER, C. *De medicamentis Mercurialibus. Resp. J. C. Pezoldo. Vittenb. 4to. *Bibl. Roy.*

1697. WEDEL, G. W. Diss. de Mercurio philosophorum. Jenæ, 4to.

1698. SEGUYN, —, et REBAULT, —. Quæstio medica, an ut Lepræ sic Lui Venereæ Hydrargyrosis? Paris, 4to.

1698. PANTELIUS, M. *De Mercurio et ejus in usu medico operandi ratione. Resp. D. P. Varma. Regiomonti, 4to. *Bibl. Roy.*

1698. LAUNAY, C. DENYS DE. Nouveau système concernant la génération, les maladies vénériennes, et le Mercure. Paris, 12mo.

1700. CAMERARIUS, R. J. *De Panacea Mercuriali. Tubingæ, 4to.

1700. HOFFMANN, F. *De Mercurio et medicamentis Mercurialibus solutis ad expugnandos sine salivatione morbos corporis humani rebelles. Resp.—de Welde. Halæ, 4to. Dutch transl. by N. Heins, Hagæ, 1704, 8vo. *Bibl. Roy.* (ed. 1704).

Discusses the best forms of mercury for internal administration. Preference given to ethiops mineral (hydrargyri sulphuretum nigrum). The use of mercury (cinnabar?) in epilepsy noticed.—*Haller, Bibl. Med. Pract.*, iii, p. 553.

1700. PANTHOT, J. Sur l'effet du Mercure dans la Vérole. Lyon, 12mo.

1704. BAIER, J. J. *De Mercurii crudi usu interno. Resp. J. P. Roesel. Altdorfii, 4to.

1705. VESTI, J. *De usu et abusu medicamentorum Mercurialium. Resp. G. C. Eckmann. Erfordt. 4to.

1705. THOMPSON, A. De Mercurii et Opii operationibus mechanicis. Lugd. Bat. 4to.

1706. OERIO, C. De Hydrargyri natura, viribus et usu. Basil. 4to. (In *Zuinger, Diss. Med. Select.*, p. 222.) *Bibl. Coll. Surg. Lond.*

1706. VERI, C. De Hydrargyri vivi viribus et usu. Basileæ, 4to. Alvus triduo obstructa deglutitis 20 unciiis reserata.—*Haller, Bibl., Med. Pract.*, iv, p. 440.

1708. DA FONSECA HENRIQUES, F. Tratado unico do uso e administração do Azougue, nos casos que he prohibido. Lisboa, 4to. Reimpresso, Lisboa, 1731, folio.

1708. DAPPER, J. *De Mercurio. Harderovici, 4to, pp. 23. *Bibl. Banks.*

1710. ARRAGOSIUS, G. De natura et viribus Hydrargyri epistola. Basiliæ, 8vo.

Multa singularia de argento vivo passim hic reperias. Periculosissimum ejus

metalli usum esse, suas tamen, si probe depuratus sit, vires habere.—*Haller, Bibl. Med. Pract.*, ii, p. 326.

1711. PAXTON, P. Essay concerning Diseases, &c., and the use of Mercury. London, 4to. *Bibl. Med.-Chir. Soc.*
1714. HALLET, W. De viribus Argenti vivi. Lugd. Bat. 4to. *Bibl. Med. Soc. Lond.*
1715. THIELEMANN, J. Z. *De abusu medicamentorum mercurialium. Argentorati, 4to. *Bibl. Roy.*
1717. GORIS, G. Mercurius triumphator, continens Argenti vivi historiam præsertim in Lue Venerea. Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1722. LUDOLFF, J. *De Mercurio vivo. Erfordii, 4to.
1725. BELLOSTE, A. Suite du Chirurgien de l'hôpital: du Mercure, &c. Paris, 12mo. English transl. Dublin, 1733, 12mo. *Bibl. Med. Soc. Lond.* (ed. 1733).
- Mainly in praise of a mercurial pill which the author regarded apparently as a sort of panacea. See short abstract in *Haller, Bibl. Med. Pract.*, iv, p. 205.
1727. BAILLY, F. *Quæstio medica, an Hydrargyrus unicum Syphilidis alexipharmacum? Resp. D. C. Frémont. Paris, 4to.
1727. RAUCH, J. G. *De Mercurii usu et abusu. Marburgi, 4to. *Bibl. Coll. Phys. Edin.*
1729. KAAU, H. De Argento vivo. Lugd. Bat. 4to. *Bibl. Banks.*
1732. BREST, V. An enquiry into the specific property of Mercury relating to the cure of Venereal Diseases. London, 8vo. French transl. London, 1735. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.* (French transl.)
1733. DOVER, T. Treatise on Mercury. London, 4to.
1733. TURNER, D. The Ancient Physician's Legacy (Dover's) impartially surveyed, &c., with a discourse on Quicksilver. London, 8vo. *Bibl. Med.-Chir. Soc.*
1734. BOERHAAVE, H. Some Experiments concerning Mercury. London, 8vo. *Bibl. Med. Soc. Lond.*
- 1735 (circa?) DOVER, T. Encomium Argenti Vivi. A treatise on the use and properties of Quicksilver. London, 8vo. *Bibl. Med.-Chir. Soc.*
1735. HARRIS, T. A treatise on the force and energy of Crude Mercury, proving the usefulness and innocency of its internal application. London, 8vo. *Bibl. Med.-Chir. Soc.*
1735. SARTORIUS, C. F. De usu Hydrargyri interno ad mentem recentiore. Resp. J. E. Hebenstreit. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.* (sub. nom Sartorius).
1735. WERLHOF, P. G. Specimina duo de medicamento alterante, &c., de Mercurio et de Aurigine. Hannoveræ, 8vo, et Venet. 1759.

1736. CANNETTI, P. L'uso e l'abuso del Mercurio.
Rovereto, 12mo. *Bibl. Med. Soc. Lond.*
1737. HERRENSCHWANDT, J. F. *Diss. sistens historiam Mercurii medicam. Lugd. Bat. 4to, pp. 22. *Bibl. Med.-Chir. Soc.*
1738. STAHL, J. J. *De Mercurii in corpus humanum agendi modo.
Resp. G. Feinler. Erfordii, 4to.
1739. BAIER, J. G. *De Mercurii in corpus humanum agendi modo, secundum leges physicas.
Altdorfii, 4to. *Bibl. Med.-Chir. Soc.*
1742. SANDERS, VAN WELL C. *De Mercurii vivi seu crudi usu interno tuto et efficaci. Duisburg, 4to. *Bibl. Roy.*
1742. SWAINE, A. *De Mercurio. Edin. 4to. *Bibl. Med. Soc. Lond.*
1742. SCHULZE, J. H. De Mercurialium usu in Febre Quartana curanda. Resp. J. G. Grævius. (In *Haller, Disp. Med. Pract.*, v, p. 101.) Halæ, 4to. *Bibl. Med.-Chir. Soc. (Haller).*
1744. BERTINI, J. M. X. Dell' uso esterno ed interno del Mercurio. Firenze, 4to. *Bibl. Med.-Chir. Soc.*
1744. VALDAMBRINI, J. Dell' uso del Mercurio crudo. Firenze, 4to. *Bibl. Med. Soc. Lond. (sub nom. Venuti?)*
1745. SCAGANATI, N. De Alex. Knips Maloppe, ac de duobus remediis ab eo maxime illustratis, Mercurio et Aponensibus thermis commentatio. Padovæ, 4to.
1747. BRENDÉL, J. G. Programma de Hydrargyri reliquiis a pytalismo expellendis. Gottingæ, 4to. *Bibl. Acad. Edin.*
1747. LUDOLPH, H. *De Mercurio per alcali soluto tutissimo specifico anti-venereo. Resp. D. C. Grasso. Erfordii, 4to.
1747. TYTE, G. Treatise on Mercury. Yeovil, 12mo. *Bibl. Med. Soc. Lond.*
1747. HEY, G. On the effects of Mercury. London, 8vo. *Bibl. Med. Soc. Edin.*
1748. QUELLMALZ, S. T. Programma quod Hydrargyri vires a Sulphure suspensas expendit. Lipsiæ, 4to.
1750. LODBERG, F. C. *De Mercurii usu interno. Hafniæ, 4to.
1750. BIANCHINI, G. F. Delle Febbri Maligne, e de loro principali Rimedi...e dell' uso del Mercurio. Venezia, 12mo. *Bibl. Coll. Surg. Lond.*
1751. FABRI, L. G. Appendix al trattato dell' uso del Mercurio sempre temerario in medicina. Lucca, 4to.
1752. CHEVALIER, J. D. An per suffitum felicior et tutior quam per inunctionem Mercurialem morbi Venerei curatio? Paris, 4to. (In *Haller, Dis. Med. Pract.*, i, 502.) *Bibl. Med.-Chir. Soc. (Haller).*

1753. BORSIERI DE KANIFELD, J. B. Epistola de anthelmintica Argenti vivi facultate. Favent. 4to.
Bibl. Med. Soc. Lond. (sub nom. Burserius).
1754. HUNDERTMARK, C. F. De Mercurii vivi, et cum salibus varie mixti summa in corpus humanum vi atque efficacitate, &c. Resp. C. Bergmann. Lipsiæ, 4to.
Bibl. Coll. Surg. Lond.; Coll. Phys. Edin (sub nom. Bergmann).
1754. BÜCHNER, A. E. *Diss. de remediis Mercurialibus Spinæ Ventosæ medicandæ interdum idoneis. Resp. — Niemann. Halæ, 4to.
1754. BÜCHNER, A. E. Diss. de medicamentorum Mercurialium cum salibus paratorum efficacitate per adjunctum sulphur, &c. Resp. J. E. Richter. Halæ, 4to.
1755. BÜCHNER, A. E. Diss. de medicamentorum Mercurialium usu in Cancro. Resp. C. Cless. Halæ, 4to.
Bibl. Coll. Phys. Edin. (sub nom. Class); Coll. Surg. Lond. (idem).
1755. STOCK, J. C. De usu et abusu Mercurii et medicamentorum Mercurialium. Jenæ, 4to.
1755. RAULIN, J. Lettre sur l'alliage du Camphre avec le Mercure et le succès de ce remède dans les Maladies Vénériennes. Paris, 12mo.
1756. LE PASCHEUX DE LA REAULTE, A. *An Exostosi friciones Mercuriales? Monspel. 4to.
1756. LE PASCHEUX DE LA REAULTE, A. *De efficaci Mercurialium usu chirurgico? Halæ, 4to.
1756. LE PASCHEUX DE LA REAULTE. De efficaci Mercurialium in Cancro. Resp. — Jænsch. Halæ, 4to.
1756. DESPATUREAUX, G. D. *Quæstio medica: An Lui Venereæ Hydrargyrus Camphoratus? (In *Haller, Disp. Med. Pract.*, i, p. 525.) *Bibl. Med.-Chir. Soc. (Haller).*
1757. OWEN, P. *De Mercurio. Edin. 4to.
Bibl. Med. Soc. Lond.; Acad. Edin.
1757. BELLOSTE, M. A. Traité du Mercure. Avec une instruction sur le bon usage des pilules de M. Belloste. Paris, 12mo.
The son of A. Belloste (1725), here relates cases cured with his father's nostrum.
1758. KALTSCHMIED, C. F. De istis Mercurii partibus quæ imprimis miasma Venereum in corpore hærens destruere valent. Jenæ, 4to.
1759. HARTMANN, P. J. Diss. in qua Martis cum Mercurio conjunctionem usibus practicis commendat. Halæ, 4to.
1759. CARTHEUSER, J. F. *De suspectis quibusdam pharmacis salino-mercurialibus. Resp. C. G. Gulde. Francof. ad Viad. 4to.

1760. STOLL, J. S. G. *De Mercurii in solidis corporis humani hærentis noxa. Argentorati, 4to.
1761. HAGG, A. N. Diss. de Hydrophobia, ejusque per Mercuria potissimum curatione. Argentorati, 4to. (In *Baldinger, Sylloge*, i, p. 249.) *Bibl. Med.-Chir. Soc.* (Baldinger).
1761. SPIELMANN, J. R. *De Hydrargyri præparatorum inter-norum in sanguinem effectibus. Argentorati, 4to. (In *Sandifort, Thesaur.*, i, p. 538.) *Bibl. Med.-Chir. Soc.* (Sandifort).
1761. BROMFIELD (fils). Observations sur le Solanum...du Mercure et de ses préparations. *Vide* "Solanum." Paris.
1762. AUMONT, A. D'. Mémoire sur une nouvelle manière d'administrer le Mercure dans les Maladies Vénériennes et autres. Paris, 8vo.
1763. AGOSTINI, A. Stranguaria, quæ venerea dicitur Mercurii potest...esse aliquando effectus. Venetiis, 8vo.
1764. DRILHON, J. F. De innocentia et utilitate Hydrargyrosis in curatione morborum Venereorum. Resp. G. F. Venel? Piscenis, 4to. *Bibl. Med.-Chir. Soc.*
1765. WATHEN, J. Practical observations on the treatment of Venereal Diseases by Mercurials. London, 8vo. *Bibl. Med.-Chir. Soc.*
1766. PLENCK, J. J. Methodus nova et facilis Argenti vivi ægris Venerea labe infectis exhibendi; accedit hypothesis nova de actione metalli hujus in vias salivales. Vindobonæ, 8vo. English transl. by W. Saunders, London, 1767, 1768, 1772, &c. Portuguese transl. by M. J. H. de Pavia, Lisboa, 1785, 8vo. *Bibl. Med.-Chir. Soc.* (English transl.)
1767. SAUNDERS, W. *Vide* "Plenck," 1766.
1767. LEAKE, J. On the Lisbon Diet-drink and on the use and abuse of Mercury. Fourth ed. London, 8vo.
1768. THIRION, Y. F. Quæstio medica: An Mercurii adhibendi multiplices methodi morborum Venereorum curationi prosint? Erfordiæ, 4to.
1768. CANESTRINI, A. Diss. de Mercurio. Ænoponti, 4to.
1768. DAVISONS, R. *De solutione Mercurii in acido vegetabili (suc de verjus) ejusdemque usu. Lugd. Bat. 4to. *Bibl. Roy.*
1769. HORNE, R. D. DE. Examen des principales méthodes d'administrer le Mercure pour la guérison des Maladies Vénériennes. Londres et Paris, 8vo. *Vide* 1774, *infra*.
1769. CAVALLINI, G. Storia d'una Reumatica Paralisia curata con unzione Mercuriale. Venezia, 4to. *Bibl. Med. Soc. Lond.*
1770. FERRAND, M. Observations sur les différentes méthodes de traiter les Maladies Vénériennes, avec une méthode de guérir ces maladies par les lavemens Mercuriels. Narbonne, 4to. Ibid. London, 1772, 4to.

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1772. DUNCAN, A. *Observations on the use and operation of Mercury in Venereal Diseases.* Edin. 12mo. German transl. Leipzig, 1773, 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
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1774. HORNE, D. R. DE. *Exposition raisonnée des différentes méthodes d'administrer le Mercure dans les Maladies Vénériennes.* Paris, 8vo. Alt. ed. Paris, 1779, 2 vols. 8vo; *ibid.* 1781. German transl. Leipzig, 1782, 8vo. *Bibl. Med.-Chir. Soc.*
- M. de Horne undertook by direction of the French Government to make a series of experiments with the view of ascertaining the comparative efficacy of the different preparations of mercury in syphilis. His decision was in favour of corrosive sublimate, which proved in his hands of invariable efficacy, and he expresses himself satisfied that the cures performed by it under his inspection were real and permanent.—Pearson, *Mat. Med.*, p. 122.
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1781. CLARE, P. A treatise on the Gonorrhœa, to which is added a Critical Inquiry into the different methods of administering Mercury. Intended as a supplement to a former work intitled 'A new and easy Method of Cure by the introduction of Mercury into the system through the orifices of the absorbent vessels on the inside of the mouth.' London, 8vo, pp. 60.
The greatest part of this pamphlet consists of quotations from Boerhaave, Mead, Woodward, Alston, G. Fordyce, Smith, and Plenck, but chiefly from the three latter. The author's inquiry seems intended to prove that rubbing calomel on the inside of the mouth is the safest and most effectual method of introducing mercury into the system.—*London Medical Journal*, vol. i, 1781, p. 369.
1782. HOWARD, J. A treatise on the medical properties of Mercury. London, 8vo, pp. 120.
Bibl. Med.-Chir. Soc.
The author of this essay is a zealous advocate for salivation in the treatment of venereal disease. He considers that the more violent the salivation the greater *ceteris paribus* will be the anti-venereal power of the remedy. He is of opinion that mercury, in order to cure the disease in question, should be given to a sufficient extent to produce "a melting down, attenuation, or singular species of putrefaction of the animal fluids," or, in other words, through mercurial cachexia. Verily the remedy is as bad as, if not worse than, the disease.—Review in *London Medical Journal*, iii, 1732, p. 170, 176.
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Bibl. Med. Soc. Lond.
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Dr. Houlston's treatment of dysentery was by inunction of mercurial ointment over the abdominal region. He relates three cases illustrative of its successful employment.—Ex review in *London Medical Journal*, v, 1784, p. 374.
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1788. PERENOTTI DI CIGLIANO, P. A. Del vario modo di curare, &c., specialmente del uso vario del Mercurio. Torino, 12mo.
1788. SCHIERHOLZ, G. H. De Mercurii usu in Variolis. Gottingæ, 8vo, pp. 37. *Bibl. Roy.*
1788. BAUER, J. D. *De Mercurii virtute antisiphilitica e causis secretionis animalis explicanda. Francof. ad Viad. 4to, pp. 24.
1789. HAHNEMANN, S. Unterricht für Wundärzte über die venerischen Krankheiten nebst einem neuen Quecksilber präparate. Leipzig, 8vo.
1790. SCHÄFFER, J. A. M. *De Mercurialibus quibusdam pharmacis eorumque præcipuis virtutibus. Præs. E. Platner. Lipsiæ, 4to, pp. 26. *Bibl. Coll. Phys. Edin.*
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1792. WADE, J. P. Nature and effects of Emetics, Purgatives, Mercurials, and Low Diet in the disorders of Bengal and similar latitudes. London, 8vo. *Bibl. Med.-Chir. Soc.*
- Consists almost entirely of a collection of cases illustrative of his peculiar views as to the treatment by the above means of tropical diseases.—Irving, in *Edinb. Med. Surg. Journ.* lxiv, p. 122.
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1794. GOY, J. **Diss. de virtute Mercurii Inflammationes resolvable*. Moguntiæ, 8vo, pp. 21.
1796. HOFFMANN, C. L. Von den Arzneikräften des rohen Quecksilbers. Mainz, 8vo.
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1806. STUART, J. *On the salutary effects of Mercury in Malignant Fevers. Philadelphia, 8vo.
1808. ZELLER, C. M. *Experimenta circa Hydrargyri effectus in animalia viva. Tubingæ, 8vo, pp. 56.
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Bibl. Coll. Surg. Lond.

This is the fourth edition of Dr. Saunders' work on hepatitis, but the first to which his observations on mercury are appended. Whilst holding to the opinion that for the hepatitis of India mercury is not only the best, but the only remedy to be depended upon, he points out in forcible terms the ill effects which are apt to follow the routine use of this remedy in liver affections in cold and temperate climates. See review in *London Med. Phys. Journal*, xxii, 1809, p. 415 *et seq.*

1809. CURRY, J. Examination of the prejudices commonly entertained against Mercury in Liver Complaints and other forms of disease as well as Syphilis. London, 8vo. Second ed. 1810.
Bibl. Med.-Chir. Soc.

Dr. Curry seems to regard the prejudices against mercury as irrational or visionary. See review in *London Med. Phys. Journal*, xxii, 1809, p. 423 *et seq.*

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Bibl. Med.-Chir. Soc.

Dr. Davis trusted chiefly to mercury and purgatives for the cure of the Walcheren fever.—Irving, in *Edin. Med. Surg. Journ.*, lxiv, p. 383.

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1811. FRANCIS, J. W. *On Mercury, its medical history, curative action and abuse. New York, 8vo. Alt. ed. 1816, 1822.
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1811. VAUME, J. S. Sur le Mercure, ses préparations et ses effets dans le corps de l'homme, &c. Paris, 12mo.

1811. MILLS, T. Observations on Diseases of the Liver and on the effects of Mercury in their treatment. London, 8vo.
Bibl. Coll. Surg. Lond.

Dr. Mills represents mercury as the box of Pandora whence all sorts of disorders were let loose upon society.—*Med.-Chir. Rev.*, June, 1820, p. 42.

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1812. COLEY, J. M. A vindication of the propriety and utility of administering Mercury in Venereal Complaints. London, 8vo.

1813. LOHNES, J. H. B. *De utilitate Hydrargyri in Febri Typhoide, &c. Præs. J. H. F. Autenrieth. Tubingæ, 8vo.

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1813. WARREN, J. A view of the Mercurial Practice in Febrile Diseases. Boston, U.S., 8vo, pp. 187.

The author's plan consists of a fair exposition of facts, cases, and opinions from various and copious authorities, together with his own experience. His statements are clear, and placed before the reader in such a strong light that he cannot well be mistaken in the conclusions which are most obvious and distinct in favour of the mercurial treatment of febrile diseases. See review in *London Med. Phys. Journ.*, xxxiv, 1815, p. 323—338.

1813. HULLEMAN, J. *De multiplici usu medicamentorum Mercurialium in variis morbis. Leyden, 4to.

1814. GEOGHEGAN, E. *Commentaries on the treatment of the Venereal Disease. On the use of Mercury so as to insure its successful effect. Second ed.? London, 8vo, pp. 219.
Bibl. Med.-Chir. Soc.

Evidently written by a surgeon who has had many opportunities of witnessing the effects of different modifications of cure which he shows to be essential for the successful treatment of syphilitic disease. It is a work that will reward its careful perusal.—*Edin. Med. Surg. Journ.*, July, 1816, p. 367—372.

1814. DUFRESNE, C. F. *De Hydrargyro. Edin. 8vo.
1815. *Bibl. Coll. Phys. Edin.*

1815. THOMSON, T. *De la Dysenterie et des effets du Mercure comme remède dans cette maladie, particulièrement dans les climats chauds. Paris, 4to. *Bibl. Med.-Chir. Soc.*

1815. CAFFÉ, P. P. A. Sur les avantages de la méthode des Bains Mercuriels dans le traitement de la Syphilis et des affections cutanées. Paris, 8vo, pp. 49.

1815. ADDISON, T. *De Syphilide et Hydrargyro. Edin. 8vo.
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1815. EISENSTEIN, L. S. De Hydrargyri actione in corpore animali. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*

1816. SOARES, J. P. DE FREITAS. Memoria sobre a Oxidação do Mercurio, &c. Lisboa, 4to.

1818. SCATTIGNA, V. Nuovo metodo di amministrare l'Unguento Mercuriale ne'mali Sifilitici. Napoli, 2 vols. 8vo, pp. 434.

1818. KELLY, G. *De Hydrargyro. Edin. 8vo.
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1818. CARMICHAEL, R. Observations on Venereal Diseases, with hints for the more effectual prosecution of the present inquiry into the uses and abuses of Mercury in their treatment. Dublin, 8vo. Second ed. 1825, 8vo, pp. 376, with five coloured plates. German transl. by C. G. Kühn, Leipzig, 8vo, pp. 1819.

The object of this treatise is (1) to elucidate an important class of diseases which have been confounded with syphilis, and (2) to discriminate between those in which mercury may be advantageously employed and those in which it is to be avoided. The subject is treated in a very able manner. See review in *Med.-Chir. Rev.*, October, 1825, pp. 435, 485.

1818. NIETER, A. J. C. *De vi et effectu Hydrargyri in quibusdam morbis non Syphiliticis. Berol. 8vo, pp. 26.
Bibl. Coll. Phys. Edin.

1819. OTTO, C. *De actione Hydrargyri medicâ. Part i—ii. Hafniæ, 8vo. *Bibl. Med.-Chir. Soc.*

1819. EVANS, J. Remarks on Ulcerations of the Genital organs... containing an inquiry into the use of Mercury in their treatment. Part i. London, 8vo, pp. 127.

A good specimen of the mode in which pathological researches should be conducted (*Lond. Med. Phys. Journ.*, xliii, p. 65). Shows that a large class of these cases are curable without mercury. See review in *Edin. Med. Surg. Journ.*, January, 1820, p. 109.

1819. STEUER, W. *De Mercurii in morbis Inflammatoriis agendi modo. Berol. 8vo.

1819. HAMILTON, J. (jun.) Observations on the use and abuse of Mercurial Medicines in various diseases. Edin. 8vo, pp. 222. Reprinted with notes by Dr. Ives, New York, 8vo, 1821.

The author of this book is strongly adverse to the use of mercury excepting in syphilis, in which he appears most reluctantly to acknowledge that "this pernicious mineral has certain medicinal virtues." See review in *Med.-Chir. Rev.*, June, 1820, p. 41—59.

1820. SOMERVILLE, J. C. *De Syphilidis curatione sine Hydrargyro. Edin. 8vo. *Bibl. Manchester Med. Soc.*

1820. RHADES, F. G. F. *Experimenta circa quæstionem, An Hydrargyrum externe applicatum in corpore et præsertim in sanguine reperitur? Halæ, 8vo, pp. 40. *Bibl. Coll. Phys. Edin.*

The question whether mercury rubbed into the skin passes into the blood is examined in this thesis, and after numerous experiments is decided by the author in the negative.—*Lond. Med. Phys. Journ.*, xlvii, 1822, p. 11.

1820. DAVIES, D. An Essay on Mercury, with Formulæ, &c., including remarks on the safest and most effectual methods of administration for the cure of Liver Complaints, Dropsies, Syphilis, &c. Bristol, 8vo, pp. 35. *Bibl. Coll. Surg. Lond.*

Written in favour of the use of the milder mercurial preparations, for which the author furnishes formulæ. Mercurial inunction he also regards as more effectual in removing disease than the internal administration of the mineral preparations.—*Med.-Chir. Rev.*, March, 1821, p. 700.

1821. BACOT, J. Observations on Syphilis, principally with reference to the use of Mercury. London, 8vo, pp. 115. *Bibl. Med.-Chir. Soc.*

A modest little work, intended as a guide to young practitioners in the use of mercury. It contains judicious advice and safe rules of conduct where the practice is unsettled and the indications doubtful.—*Med.-Chir. Rev.*, December, 1821, p. 605—616.

1822. WRIGHT, W. On the effects of Mercury on the organs of Hearing and the improper use of it in Nervous Deafness. London, 8vo, pp. 24. *Bibl. Med.-Chir. Soc.*

The author most unequivocally condemns the use of mercury in cases of nervous deafness.

1822. SWAN, J. An inquiry into the action of Mercury on the living body. London, 8vo, pp. 30. 2nd ed. 1823; 3rd. ed. 1847.
Bibl. Coll. Surg. Lond.

The object of this pamphlet is to show that mercury acts on the organism through the medium of the nervous system, and more particularly that part of it formed by the grand sympathetic nerve. See *Med.-Chir. Rev.*, September, 1823, p. 277—281.

1822. DESGRANGES, J. B. Sur l'Ergot, *q. v.*, et sur l'emploi des Lavemens Mercuriels dans le traitement de la Syphilis chez les nouveau-nés. Montpellier, 8vo, pp. 30.

1822. HAICKE, E. F. *De Hydrargyro. Halæ, 8vo.

Bibl. Coll. Phys. Edin.

1823. SPRENGEL, C. Prolusio Hydrargyri antiquitates illustrans.

Halæ, 8vo.

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1823. WENDT, J. C. W. De abusu Hydrargyri, &c.

Havniæ, 4to, pp. 31.

1823. CANTU, J. L. De Mercurii præsentia in Urinis Syphiliticorum, Mercurialem curationem patientium. Turin, 8vo.

Bibl. Coll. Surg. Lond.

1823. FORBES, W. Suggestions on the use of Mercurial Friction on and under the right breast, to palliate the evils of the Fever in hot countries. Manchester, Jamaica, 8vo (pamphlet).

A poor production.—*Med.-Chir. Rev.*, December, 1823, p. 732.

1823. DÜHRSEN, H. C. *De vi Mercurii in Lue Venerea vario modo explicata. Kiliæ, 4to, pp. 28.

1824. CHÉRON, P. N. A. Sur l'emploi de l'Éther Mercuriel dans le traitement de la Syphilis. Paris, 8vo.

1824. BOYLE, J. On the modus operandi of Mercury, &c.

Vide "Hydrargyri Subchloridum," 1824.

1824. HUNTER, D. *Dissertation on Mercury. Philadelphia, 8vo.

1824. NISSEN, J. De variis Hydrargyrum morbo Venereo adhibendi methodis. Kiliæ, 4to.

1824. MORINIÈRE, P. *Péritonite des nouvelles accouchées et son traitement par des frictions Mercurielles. Paris, 4to.

1825. GIRAudeau, —. *Thérapeutique des affections syphilitiques, dans l'emploi du Mercure. Paris, 4to.

1826. HAASE, D. G. A. *De usu Hydrargyri in morbis non-syphiliticis. Lipsiæ, 4to, pp. 28.

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1827. CLARK, J. *Diss. de usu Hydrargyri. Edin. 8vo.

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1827. OPPENHEIM, F. W. Die Behandlung der Lustsüuche ohne Quecksilber, &c. Hamburg, 8vo, pp. 289. *Bibl. Med.-Chir. Soc.*

Contains many judicious views, and most important knowledge conveyed in a concise form.—*Brit. and For. Med. Rev.*, October, 1838, p. 29.

1827. AHEARNE, T. M. *De actione Hydrargyri. Edin. 8vo.
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1827. GNUSCHKE, E. *De Hydrargyri in sanguinem receptione.
 Berol. 8vo, pp. 24.
1827. BOCHARDT, L. Ueber die Wirkungen der Mercurial-präparate auf den menschlichen Organismus, &c.
 Stuttgart, 8vo, pp. 124.
1828. BURNIE, D. *De Hydrargyro. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1828. DESRUELLES, H. M. J. Mémoire sur les résultats comparatifs obtenus par les divers modes de traitement Mercuriel et sans Mercure, employés à l'Hôpital du Val de Grâce, &c. Paris, 8vo, pp. xlviii, 404. Second mémoire, *ibid.* 1829, 8vo, pp. 386.
 English transl. by G. J. Guthrie.
 Philadelphia, 1830, 8vo, pp. 217.
- Rich in personal observations, and eminently practical.—*Amer. Journ. Med. Soc.*, vi, 1830, p. 274.
1828. LEGRAND, A. De l'Or, et de son emploi dans le traitement de la Syphilis, &c.... du Mercure, de son inefficacité et des dangers de l'administrer dans le traitement des mêmes maladies.
 Paris, 8vo. 2me éd., Paris, 1832. *Bibl. Med.-Chir. Soc.*
- "Faithful to the traditions of Montpellier," observes M. Bouchardat "M. Legrand enthusiastically extols the preparations of gold in scrofulous, syphilitic, and herpetic affections." His enthusiasm in their favour has apparently influenced his views with respect to Mercury, of the value and safety of which, as indicated by the title, he entertained grave doubts. In practice, in the treatment of syphilis at any rate, the preparations of Mercury have driven their more costly rivals out of the field.
1829. MAHON, D'ARCY. *Diss. de Hydrargyro. Edin. 8vo.
1829. MITSCHERLICH, G. Hydrargyri præparata usitatissima analytice accuratius perscrutata. Berlin, 8vo.
1830. AITKEN, T. J. *Diss. de Hydrargyro. Edin. 8vo.
1830. RICHTER, G. A. Das Quecksilber als Heilmittel.
 Berlin, 8vo.
1830. TONNELLI, L. On Mercurials in Puerperal Fever. See "Emetics," 1830.
1831. ZWICKLITZ, P. *Diss. medico-historica continens usum et præparata Mercurii apud veteres. Berlin, 8vo, pp. 36.
1833. PEREGRINE, T. *De Hydrargyri in Syphilide curanda potestate. Edin. 8vo.
1834. PHILIP, A. P. W. On the influence of minute doses of Mercury, combined with the appropriate treatment, in restoring the functions of health, and the principles on which it depends.
 London, 12mo, pp. 112. *Bibl. Med.-Chir. Soc.*

Dr. Wilson Philip divides his work into three chapters—(1) on the *modus operandi* of mercury generally; (2) on the *modus operandi* of minute and frequently repeated doses of that medicine; (3) a consideration of those cases in which these minute and frequently repeated doses are applicable.

The doses here indicated range from $\frac{1}{4}$ to $\frac{1}{5}$ of a grain of blue pill every six or eight hours; by these, long continued, he considers the full stimulant effect of mercury can be obtained without its sedative operation; or its whole benefit without any bad consequences. The book is not without its value: its great faults are a want of precision, a continued turning aside and hunting down every subject that may cross his path, and a want of lucid order.—*Edin. Med. Surg. Journ.*, xlii, p. 177—184.

1834. SACHS, L. W. *Das Quecksilber. Ein pharmacologo-therapeutischer Versuch.* Königsberg, 8vo, pp. 368.
1834. BONNARDEL, N. **Emploi des Mercuriaux dans le traitement de certaines Affections Rhumatismales.* Paris, 4to.
Advocates the employment of mercurial inunction in rheumatic affections.
1834. BOUVIER, C. M. **Diss. sur l'emploi du Mercure dans les Rhumatismes.* Strasbourg, 4to.
Like the preceding, in favour of mercurial inunction.
1836. WIEZ, A. **Essai sur l'emploi des Frictions Mercurielles comme moyen abortif dans quelques Inflammations internes, &c.* Montpellier, 4to.
1837. KORNMESSE, G. **De Hydrargyro.* Berol. 8vo.
Bibl. Coll. Surg. Lond.
1837. COLLES, A. *Practical observations on the Venereal Disease, and on the use of Mercury.* Dublin, 8vo, pp. 351.
One of the most important works on the subject of which it treats. For a full analytical review see *Med.-Chir. Rev.*, October, 1837, p. 379; January, 1838, p. 65, and April, 1838, p. 329, where the whole subject is discussed *in extenso*.
1837. MAZADE, J. *Sur l'emploi des Frictions Mercurielles dans le traitement de la Fièvre Typhoïde et de l'Erysipèle phlegmoneux.* Montpellier, 8vo, pp. 28.
1839. MOORE, E. W. **On Mercury.* Philadelphia, 8vo.
1839. REYNAUD, A. A. M. *De la présence du Mercure dans le cerveau à la suite de l'emploi des préparations Mercurielles, &c.* Cherbourg, 8vo, pp. 14.
- 1840? HOCKEN, E. *On the comparative value of the preparations of Mercury and Iodine in Syphilis.* Edin. 8vo.
Bibl. Med.-Chir. Soc.
1840. SIGMOND, G. G. *Mercury, Blue Pill, and Calomel; their use and abuse.* London, 8vo.
A reprint of some lectures which originally appeared in a medical journal. The first twenty six pages are occupied with a general history of the metal and its application, written in a very lively and amusing though not always correct style. The author then describes the various officinal preparations of mercury, and points out the diseases to which they are severally most applicable.—*Brit. and For. Med. Rev.*, July, 1840, p. 245.
1841. SIEGMUND, J. *De Hydrargyri in ophthalmiatria usu et effectu topice applicati.* Vratislaviæ, 8vo, pp. 51.
1842. MIALHE, —. *Recherches chimiques, thérapeutiques, physiologiques et toxicologiques sur les Mercuriaux.* (*Ann. de Chim. et de Phys.*, June, 1842, reprinted in 1845 at the end of his 'Traité de l'art de Formuler.')

1842. ORFILA, M. J. B. *Mémoire sur l'absorption des sels de Plomb...de Mercure, &c.* Paris, 8vo, pp. 20.
1843. LEMAIRE, L. *Des effets du Mercure et de ses préparations dans les diverses maladies, la Syphilis exceptée.* Blois, 8vo, pp. 345.
1845. PARKER, LANGSTON. *The modern treatment of Syphilitic Diseases, &c., with an account of a safe and successful mode of treatment by the Mercurial Vapour Bath.* Second ed. London, 8vo, pp. 228.
1846. SUTHERLAND, J. S. *Mercury in Fevers, Dysentery, and Hepatitis, as they occur in India, &c.* Edin. 8vo, pp. 95.
Bibl. Med.-Chir. Soc.
The production of an observing and thoughtful practitioner.—*Med.-Chir. Rev.*, April, 1846, p. 564.
1847. SIMON, L. *Comparer les effets du Mercure sur l'homme sain avec ceux que produit la Syphilis.* (Homœopathic.) Paris, 4to, pp. 47.
1851. HUNT, T. *Syphilitic Eruptions, Ulcerations, and other Secondary Symptoms, with especial reference to the use and abuse of Mercury.* London, 8vo, pp. 25. Second ed. *ibid.* 1854, pp. 95.
- Mr. Hunt is altogether for the use of mercury in cutaneous syphilitic affections. He gives particular directions for its administration. The pamphlet will repay the expenditure of the half hour required for its perusal.—*Brit. and For. Med.-Chir. Rev.*, July, 1851, p. 201.
1852. GREEN, J. *An improved mode of employing Mercury by fumigation to the whole body...in various obstinate Diseases of the Skin, and especially in Syphilitic Affections.* London, 8vo, pp. 16.
- The author was the proprietor of a vapour bath establishment; hence his interests may, unconsciously, perhaps, have influenced his views.
1852. MAZADE, J. *De l'emploi des Frictions Mercurielles dans la Syphilis, coïncidant avec les premiers temps de la gestation.* Batignolles, 8vo, pp. 12. Deuxième éd. Nîmes, 8vo, 1860, pp. 25.
1852. RENAULT, E. *Traitement Mercuriel de la Rage.* Rapport lu à l'Acad. Nationale de Médecine sur le travail de M. Deranneau. Paris, 8vo, pp. 23.
1855. SCHUTZ, E. *Diss. de Inunctione Mercuriali in Morbis Syphiliticis inveteratis.* Bonn, 8vo.
1856. CHENEVIER, —. *De l'élimination du Mercure et de l'Iodure de Potassium.* Besançon, 8vo.
1857. WILLIAMS, H. W. *On the treatment of Iritis without Mercury.* Boston, U.S., 8vo.

The author adduces a large number of cases to prove that the mercurial treatment is not necessary to the cure of this formidable disease. He substitutes leeches and atropia locally, and purgatives followed by quinine and iodide of potassium internally. It is not maintained that all cases of iritis can be cured without mercury.—*Medical Times and Gaz.*, February 14th, 1857, p. 174.

1857. PERSONNE, J. Note sur le passage du Mercure dans le Lait des animaux soumis au traitement mercuriel. (Ex. in *Recueil des travaux de la Soc. d'Emulation pour les Sci. Pharm.*, tom. ii).
Paris, 8vo, pp. 4.
1857. HERMANN, J. Die Behandlung der Syphilis ohne Mercur, &c.
Vienna, 8vo, pp. 66, pl. i.
1858. ALT, O. Die Behandlung der Syphilis mit Mercur, &c.
Leipzig, 8vo, pp. 16.
- This is a scientific examination and refutation of the preceding work by Dr. J. Hermann.
1858. ABEL, G. De Hydrargyri usu in Syphilide nonnulla.
Berol. 8vo, pp. 31.
1858. KNISPEL, M. De usu et abusu Hydrargyri in curandis Morbis Syphiliticis.
Berol. 8vo, pp. 32.
1858. LORINSER, F. W. Merkur und Syphilis.
Wien, 8vo, pp. 14.
1859. STORTI, P. Usi terapeutici del Mercurio e suoi principali preparati.
Pavia, 8vo, pp. 45.
1859. HERMANN, JOS. Die Nachtheile der Mercurialkur.
Wien, 8vo, pp. 99.
1860. BIZARELLI, L. Du Mercure et de l'Iodure de Potassium dans le traitement de la Syphilis.
Montpellier, 8vo, pp. 127.
1860. SIMON, F. A. Die Behandlung der Syphilis ohne Merkur.
Hamburg, 8vo, pp. 260.
1863. LEBEL, A. De l'emploi des dragées antisymphilitiques à l'Hydrargyre et au Fer réduit pour guérir la Syphilis et prévenir les accidents mercuriels.
Paris, 8vo, pp. 20.
1864. BECK, J. B. Essays on Infant Therapeutics, with history of the origin and use of Mercury in Inflammatory Complaints. Third ed. New York, 12mo, pp. 167. First ed. New York, 1849.
Bibl. Med.-Chir. Soc.

The seventh chapter, treating of the origin and use of mercury in inflammatory complaints occupies only eight pages, and these are chiefly devoted to showing that calomel was in use amongst American physicians in the treatment of this class of cases long anterior to the date (1784), when Dr. Hamilton, of Lynn Regis, introduced its employment to the notice of British practitioners. (*Vide* "Hydrargyri Subchloridum," 1784.) The author seems to overlook the fact that the great credit awarded to Dr. Hamilton is not so much for his proposal to employ calomel in inflammatory diseases, as for his pointing out the superior value of the combination of calomel and opium in this class of cases. A far more valuable and practical chapter in Dr. Beck's book is the third, "On the effects of Mercury on the Young Subject." It may be read with advantage by all.

1864. BONNOT, E. Des Mercuriales; ou exposé de tout ce qui se rapporte à cette question.
Paris, 8vo, pp. 49.
1865. DUNN, W. On the Mercurial and Non-mercurial treatment of Syphilis.
London, 8vo, pp. 48.

Contains little new either as to facts or theories. In comparing these two

modes of treatment the author trusts chiefly to statistics, and on them he founds his conclusion in favour of the non-mercurial, as the safest though not always the most expeditious.—*Brit. and For. Med.-Chir. Rev.*, July, 1867, p. 166.

1866. MEREDYTH, C. On the rational employment of Mercury in the treatment of Syphilis.
London, 8vo, pp. 41.
Bibl. Med.-Chir. Soc.

A temperate summing up of the argument in favour of the use of mercury in the treatment of syphilis.—*Ranking's Abstract*, xlv, p. 331.

1866. SIGMUND, C. L. Die Einreibungskur mit grauer Quecksilbersalbe bei Syphilisformen, &c.
Wien, 8vo, pp. 92.

1866. TEALE, T. PRIDGIN. On Mercury and Atropine in Iritis.
Vide "Atropia," 1866.

1868. DEU, F. **Emploi des Mercuriaux dans la Syphilis.*
Paris, 4to.

1869. BENNETT, J. HUGHES. A report on Mercury appended to "Medicine in Modern Times by Dr. Stokes, Acland, &c., or Discourses delivered at a meeting of the British Medical Association."
London, 8vo

A very important paper. It is true that it upsets all our preconceived ideas as to the action of mercury on the liver, and is diametrically opposed to common experience in regard to its practical use when the bile seems to be defective; but it opens up entirely new views as to the action of a most important remedy, and gives a novel explanation of the relief obtained from its use in certain cases.—*Edin. Med. Journ.*, November, 1869, p. 456.

1869. BENNETT, J. HUGHES. Report on the action of Mercury, Podophyllin and Taraxacum on the Biliary Secretion; being the Report of the Edinburgh Committee of the British Medical Association.

Edin. pp. 45. Second ed. with appendix, *ibid.* 1874, pp. 80.

In 1868 the British Medical Association appointed a committee (consisting of Drs. Hughes Bennett, Christison, MacLagan, Fraser, Rutherford, and A. Gamgee) to examine the cholagogue properties of certain articles of the materia medica. The results of their investigations, embodied in the above-named pamphlet, were published by Professor Bennett on his own authority, the other members of the committee having publicly disclaimed their responsibility as regards the report on the ground that they had not the opportunity of seeing it previous to its publication in the *British Medical Journal*, July 25, 1868, p. 78, and May 8, 1869, p. 411, in which it originally appeared. The main conclusions drawn by Professor Bennett are—(1) *As to mercury*, that when administered so as to impair the general nutrition it lessens the biliary secretion; that given to dogs (the animals subjected in each instance to the experiments) in either small, gradually augmented, or in large doses, it does not increase the biliary secretion; and lastly, that it does not influence it at all so long as neither purgation nor impairment of health are concerned. (2) *As to podophyllin*, that in doses of 2 to 8 grains it diminished the solid constituents of the bile, whether purgation followed or not, and that doses which produced purgation lessened both the fluid and solid constituents. (3) *As to taraxacum*, that doses of the solid extract, varying from 60 to 240 grains, affected neither the biliary secretion, the bowels, nor the general health of the animal. These results, especially with regard to mercury, so contrary to a long-cherished belief, gave rise to much discussion. The contradiction, however, between a belief in the cholagogue

powers of mercury on the one hand and the results obtained in this investigation on the other are more apparent than real, for the term "cholagogue" has a far wider signification than a mere stimulant of the biliary secretion; it extends to the removal or expulsion of bile from the system whether accumulated in the intestines or circulating in the blood, and there is clinical warrant for believing that mercury, especially calomel, can and does act in this way; hence it is deserving of being classed as a true cholagogue. The same in a minor degree, perhaps, holds good with regard to podophyllin and taraxacum. See on this point the observations of Dr. Lauder Brunton in an excellent paper on the action of purgative medicines in *Practitioner*, May and June, 1874.

1869. PARKER, LANGSTON. Mercurial Vapour Bath, being an account of its successful mode of employment. London, 8vo.

1869. GÜNTZ, J. E. Die Quecksilberfrage und die Beurtheilung einer neuen Heilmethode bei der Syphilis. Leipzig, 8vo, pp. 50.

1870. LUSSANA, F. Annotazioni pratiche e fisiologiche sull'azione sterilizzante dei preparati Mercuriali. Padova, 8vo, pp. 16.

1871. FRASER, T. R. Sketch of the present state of our knowledge respecting the action of Mercury on the Liver. (Reprint from *Edin. Med. Journ.*, April, 1871.) Edin. 8vo, pp. 24.

Considers the *questio vexata* of the action of mercury in an impartial and philosophical spirit.

1872. CHALMET, B. M. N. *De l'emploi du Mercure dans la Syphilis. Paris, 4to.

1873. HERMANN, J. Über die Wirkung des Quecksilbers auf den menschlichen Organismus.

Teschen, folio, pp. 108, tab. chromo-lith. 4.

1874. PROKSCH, J. K. Der Antimercurialismus in der Syphilis-Therapie, literatur-historisch betrachtet.

Erlangen, 8vo, pp. 189.

1874. GUENEL, A. *Sur les frictions Mercurielles dans le traitement des formes graves de la Syphilis. Paris, 4to.

1874. SISSON, R. S. The Simple and Non-mercurial treatment of Syphilis. London, 8vo.

This pamphlet is written to oppose the statements of some writers that syphilis is better treated without mercurials. The author cleverly and neatly proves his assertion.—*Edin. Med. Surg. Journ.*, August, 1874, p. 161.

1875. MAURIAC, C. Du traitement de la Syphilis par les Fumigations Mercurielles. Paris, 8vo, pp. 19.

Mercurial Salivation, Ptyalism.¹

¹ Of the extent to which salivation was formerly carried we at the present day can form a very faint idea. Thus Grainger, in his 'Essay on West India Diseases' (Edinburgh, 1802), treating of yaws, says that when the disease is on the decline, in order to secure the habit from any latent taint, the best plan is to maintain a gentle (!) salivation for six weeks or two months, and he immediately adds "the quantity of spit in the twenty-four hours should never exceed a quart! (p. 74). If *that* was his idea of a *gentle* salivation, what must have been his views of a full one?

1569. VALENTIANA, F. F. Del enfermedades contagiosas y de l' uso de la Salivacion. Sevilla, 4to.
1656. GOETZ, Z. N. *De Salivatione. Jenæ, 4to.
1668. CAPELLE, B. C. *De Salivatione Mercuriali. Jenæ, 4to.
Bibl. Med. Soc. Lond.
1668. MATTOT, P., et GUERIN, C. *Ergo in curanda Syphilitide balneum ptyalismo præmittendum. Paris, 4to.
1669. WIGANDUS, J. *De Ptyalismo. Giessæ, 4to.
Bibl. Coll. Surg. Lond.
1670. HAGER, J. J. *De Salivatione. Jenæ, 4to.
1676. SENCKENBERG, J. H. *De Ptyalismo. Argentorati, 4o.
Bibl. Coll. Surg. Lond.
1689. HORN, G. C. *De Salivatione Mercuriali. Præs. B. Albinus. Francof. 4to. (Ibid. in *Haller, Disp. Med. Pract.*, i, p. 403).
Bibl. Med.-Chir. Soc. (Haller); Coll. Phys. Edin. (ed. 1689). Ab unguento mercuriali ad hæmorrhoides applicato.—Haller.
1691. UNZELMANN, A. *De Salivatione Mercuriali. Altdorfi, 4to.
1694. WILHELMI, N. M. *De Salivatione Mercuriali. Lugd. Bat. 4to.
1702. PURMANNUS, M. G. A treatise on Salivation; translated from the second edition printed at Francfort. London, 12mo.
Bibl. Radcliffe.
1705. FINKENAU, J. *De Salivatione Mercuriali. Regiom. 4to.
1710. ISAAC, J. D. *De Salivatione Mercuriali, aliis præter luem veneream morbis rebellibus extirpandis pari. Præs. G. E. Stahl. Halæ, 4to.
Bibl. Med. Soc. Lond.
1711. PAXTON, P. Essay on Diseases, &c., to which is annexed a short account of Salivation and the use of Mercury. London, 8vo.
Bibl. Med.-Chir. Soc.
1713. HEISTER, L. De Amaurosi, Salivatione curata. Altorfii, 4to.
1720. VAN LOON, A. De πτυαλισμῷ artificiali. Lugd. Bat. 4to.
1722. BOSCHETTUS, B. De Salivatione Mercuriali. Lugd. Bat. 4to.
Coll. Phys. Edin.; Coll. Phys. Lond.
1723. CHICOYNEAU, F. The practice of Salivating shown to be of no efficacy in the cure of Venereal Disease. London, 4to.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1740. SCHRIMPF, H. G. *De Hydrargyrosi seu de Salivatione ope Mercurii. Præs. M. Alberti. Halæ, 4to.
Bibl. Med. Soc. Lond.
1743. HOFFMANN, W. C. *De Salivatione Mercuriali. Giessæ, 4to.
Bibl. Roy.
1750. SCOTT, J. *De Salivationis ad Luem Veneream curandam inutilitate. Edin. 4to. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1752. SIEBECKER, H. G. *De Salivatione artificiali.* Marburgi, 4to.
1753. GRAINGER, J. **De modo excitandi Ptyalismum et morbis inde pendentibus.* Edin. 8vo. (In *Haller, Disp. ad Morb.*, i, p. 509.) *Bibl. Med.-Chir. Soc.*
1760. BERTRAM, —. *Diss. de Salivatione Mercuriali cui indubio præservationis et curationis remedio adversus Rabiem Caninam.* Præs.-Kaltschmied. Jenæ, 4to.
1765. HALES, C. *Salivation not necessary for the cure of the Venereal Disease, &c.* London, 8vo. *Bibl. Med.-Chir. Soc.*
1771. MITTIE, J. G. *Étiologie nouvelle de la Salivation, ou explication de la manière dont le Mercure fait saliver.* Montpellier, 8vo.
1780. SWIFT, C. *Salivation exploded. Essay on the Venereal Disease.* London, 8vo. Fourth ed. 1782. *Bibl. Manchester Med. Soc.*
1782. HOWARD, J. *Vide "Hydrargyrum,"* 1782.
1787. MAYWOOD, —. *Vide "Hydrargyrum,"* 1787.
1793. GLOGGNER, C. A. *De Salivationis usu in Morbis Venereis.* Gottingæ, 4to.
1793. WOLFF, S. **De Salivationis valore critico.* Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1799. GIBBONS, T. *Medical Cases and Remarks. Part 1, on the good effects of Salivation in Jaundice arising from Calculi.* Sudbury, 8vo, pp. 100. *Bibl. Coll. Phys. Edin.*
1800. ROWLEY, W. *Reasons why violent Salivation, &c., should be banished for ever from practice.* London, 8vo, pp. 175. *Vide also "Injections,"* 1800. *Bibl. Med.-Chir. Soc.*
1812. RESSAYNE, A. **Sur le Ptyalisme Mercuriel.* Paris, 4to, pp. 24.
1817. STUBBE, H. F. **De efficacia Salivationis in Lue Venerea sananda.* Dorpati, 8vo.
1824. ARNOTT, J. *Enquiry into the mode in which Mercurial Ptyalism operates in the cure of Acute Disease, and whether there exist other remedies of similar action that may be advantageously substituted for it.* London, 8vo, pp. 16.
 By a process of reasoning Mr. Arnott concludes that the curative effect of mercury in hepatitis, dysentery, and other acute diseases is owing principally, if not solely, to the counter-irritation produced in the mouth by complete ptyalism. He discards the idea of its acting as a constitutional remedy or as having any specific action in these cases.—*Med.-Chir. Rev.*, January, 1825, p. 153.
1826. STIPANSKY, F. H. **De Ptyalismo.* Berol. 8vo.
1837. KRAMER, J. A. **Ueber die Ängina Mercurialis Faucium.* Erlangæ, 8vo. *Bibl. Coll. Surg. Lond.*
1859. BELGARD, S. H. **Diss. de Salivatione Mercuriali.* Berol. 8vo, pp. 37.

1868. BERTHOLLE, —. De la Salivation Mercurielle comme méthode de traitement notamment dans l'Iritis. Paris, 8vo, pp. 11.

Mercurial Diseases and Injurious Effects of Mercury.

1707. SINTELAER, J. The Scourge of Venus and Mercury, represented in a treatise of the Venereal Disease, &c. London, 8vo. Second ed. 1709, 8vo, pp. 363.

The scope and extent of this work may be gleaned from a large plate with which it is embellished, entitled "The Martyrdom of Mercury," representing men and women with demolished noses, rotten tibiae, exfoliated skulls, empty alveolæ, panther-like skins, fallen palates, and other attributes which "Dr." Sintelaer and some of his contemporaries liberally bestowed on that vile poison mercury. For an account of this curious book and its author, who appears to have been a quack of the first water, see *Med.-Chir. Rev.*, December, 1821, p. 597-605.

1726. VERDRIES, J. M. *De Convulsionibus speciatim quatenus a remedium Saturninorum et Mercurialium abusu provocantur. Giessæ, 4to. Ibid. 1732?

1733. BRADLEY, H. Treatise on Mercury, showing the danger of taking it crude, with remarks on Dover's Antient Physician's Legacy. London, 8vo. *Bibl. Med.-Chir. Soc.*

1747. LUDOLPH, H. *Demonstratio quod atrocissima Luis Venereæ symptomata non sint effectus morbi sed curæ Mercurialibus institutæ. Resp. L. A. Ritter. Erfordii, 4to.

1754. NEVILL, J. On Gonorrhœa, &c., showing the ill consequences of Mercurial Preparations, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1776. MARAT, J. P. An inquiry into the nature of a singular disease of the Eyes produced by the use of Mercurial Preparations. London, 8vo. *Bibl. Med.-Chir. Soc.*

1776. KOENBECK, L. *Historia morborum e Mercurio excitatorum. Vindob. 4to.

1783. BARTHOLDI, —. De morbis Artificum metalla deaurantium e Mercurio oriundis. Erlangæ, 4to.

1792. SCHREIBER, —. *Diss. de Morbo Mercuriali. Erfordiæ, 4to.

1797. SWAINSON, J. Mercury Stark-naked: Letters to Dr. Beddoes, stripping that poisonous medicine of its pretensions. London, 8vo.

1804. ALLEY, Sir G. An Essay on the peculiar eruptive disease arising from the exhibition of Mercury. Dublin, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1804. MORIARTY, A. Description of the Mercurial Lepa. Dublin, 12mo. *Bibl. Coll. Phys. Edin.*

1805. M'MULLIN, J. *De Erythemate Mercuriali. Edin. 8vo. *Bibl. Manchester Med. Soc.*

1810. ALLEY, Sir G. Observations on the Hydrargyria, or that vesicular disease arising from the exhibition of Mercury.

London, 4to, pp. 103.

Bibl. Med.-Chir. Soc.

Dr. Alley has detailed with minuteness everything that can be said on the subject, and evinces a considerable share of reading upon collateral topics... He adds three plates illustrative of the three forms of the complaint and considers them good representatives of the appearances, an opinion not shared in by the reviewer, who observes that nothing vesicular in the most imperfect degree is represented. See review in *Edin. Med. Surg. Journ.*, viii, 1812, p. 100-108.

1810. CURRY, J. Examination of the prejudices commonly entertained against Mercury, as beneficially applicable to most hepatic complaints and to various other forms of disease as well as to Syphilis. See also "Hydrargyrum," 1809. London, 8vo.

The attack of Dr. Curry is directed against the charges of the bad effects which are alleged to arise from the use of mercury in general, and his arguments are on the whole solid and important.—*Edin. Med. Surg. Journ.*, vi, 1810, p. 186.

1810. MATHIAS, A. An enquiry into the history and nature of the diseases produced in the human body by the use of Mercury, with observations on its connection with Lues Venerea. London, 8vo. Second ed. 1811, 8vo; third ed. under the title of "The Mercurial Disease," *ibid.* 1816. German transl. by H. Robbi, Pesth, 1822, 8vo. Swedish transl. by — Akerman, Stockholm, 1813, 8vo. Italian transl. Milan, 1819? 8vo.

Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

The object of this work is to show that secondary symptoms, "pseudo-syphilis and cachexia syphilitica," are the results of mercurial rather than of venereal action. The author disclaims being the first to write on the subject, but claims the merit of having given a degree of precision to the subject which it did not before possess.—*London Med. Rev.*, iii, 1810, p. 320.

1813. DYNELLY, J. *De morbo quodam periostei vel ossium, usum Hydrargyri nonnunquam sequente. Edin. 8vo.

Bibl. Coll. Phys. Edin.

1814. MARCHAND, —. *Sur quelques effets nuisibles du Mercure dans son administration contre la Syphilis. Paris, 4to.

1816. CROFTS, W. *De Cancro buboneque Mercuriali. Edin. 8vo.

Bibl. Manchester Med. Soc.

1817. KOPP, F. X. *De Exanthematibus externum Mercurialium usum sequentibus. Landishuti, 8vo.

1818. BATEMAN, T. Notes of a case of Mercurial Erethism.

London, 8vo.

Bibl. Coll. Phys. Edin.

1818. MARTIN DE GIMARD, A. N. *Tremblement produit chez les doreurs sur métaux par l'effet des Vapeurs Mercurielles.

Paris, 4to.

1819. DESMOND, J. *De Morbo Mercuriali. Edin. 8vo.

Bibl. Manchester Med. Soc.

1823. WENDT, J. C. W. De abusu Hydrargyri, jam magis magisque
 incrementa, unde morbi et affectiones morbosæ, syphiliticis persæpe
 similes nascuntur, &c. Hafniæ, 4to, pp. 31.
1825. RAMBACH, J. J. *De Hydrargyrosi. Dorpati, 8vo, pp. 68.
1827. OPPERT, C. G. T. Ueber die 'Angina faucium Mercurialis'
 als Nachkrankheit syphilitischer Uebeln. Berlin, 8vo, pp. 34.
Bibl. Manchester Med. Soc. (1857?)
1829. WAITZ, F. A. C. Hydrargyromanie en Hæmatomanie (in
 Dutch). Amst. 8vo.
1831. ALDIS, Sir C. On Cancer, and on the frequent use of Mer-
 cury. London, 8vo. Appended also to his work on 'Glandular
 Diseases,' *ibid.* 1832.
1835. HEIM, E. M. A. *Ueber die Merkurialkrankheit.
 Erlangen, 8vo, pp. 50.
1835. HERMANN, O. Ueber die Merkurialkrankheiten, &c.
 Leipzig, 8vo.
1837. DIETERICH, G. L. Die Mercurialkrankheiten in allen ihren
 Formen, &c. (The Mercurial Disease in all its forms, histori-
 cally, pathologically, diagnostically, and therapeutically repre-
 sented.) Leipzig, 8vo, pp. 422. *Bibl. Coll. Phys. Edin.*
 Rich in lore, but verbose and diffuse; it contains, however, much valuable
 information.—*Brit. and For. Med. Rev.*, October, 1838, p. 29.
1839. MURPHY, P. J. Practical observations showing that Mer-
 cury is the sole cause of what are termed Secondary Symptoms.
 London, 8vo, pp. 107.
Bibl. Coll. Phys. Edin.
 The substance or rather the shadow of Dr. Murphy's book is the follow-
 ing doctrine—"that ulceration of the throat, cutaneous eruptions, iritis,
 nodes, venereal swelled testes, &c., termed secondary symptoms, are pro-
 duced solely by mercury" (p. 130). The title sets forth the same notion, but
 the book itself, somewhat strangely, contains no proofs of its truth, unless
 the author's earnest conviction and some loose reasoning can be deemed such.
 —*Brit. and For. Med.-Chir. Rev.*, January, 1840, p. 237.
1841. WEATHERHEAD, G. H. History of the Venereal Disease ex-
 amined, wherein is shown that Mercury never was necessary for
 its cure, as well as the injurious consequences that result from
 its employment. London, 12mo, pp. 256.
Bibl. Med.-Chir. Soc.
1845. TALMA, A. F. De la structure des Dents et de l'action per-
 nicieuse du Mercure sur ses organes. Bruxelles, 8vo.
Bibl. Med.-Chir. Soc.
1849. DROUOT, T. Des effets pernicieux du Mercure, &c.
 Paris, 8vo, pp. 32.
1850. BARON, C. Observations d'Hydrargyrie chez les enfants.
 Paris, 8vo.
1852. SCHUCHARDT, B. Untersuchungen über die Anwendung des
 Magnesiahydrats als Gegenmittel gegen Arsenige-Säure und
 Quecksilberchlorid. Göttingen, 8vo, pp. 60.

1853. MASSIE, M. A. C. E. *Des Accidents Mercuriels.
Paris, 4to, pp. 25.
1857. FRETTE-DAMICOURT, E. *Sur le Tremblement Mercuriel.
Paris, 4to, pp. 42.
1860. BRESSONS, H. L. *De l'Intoxication Mercurielle.
Strasbourg, 4to, pp. 44.
1860. HABERSHON, S. O. On the injurious effects of Mercury in the treatment of Disease.
London, 8vo, pp. 82.
- Dr. Habershon is a very able exponent of the extravagances with regard to the use of mercury of which practitioners, even so late as 1860, were guilty, and he shows well the fallacies upon which the various theories have been built that have made mercurials the main remedy, or more properly speaking the main agent, in the medical man's hands in the treatment of disease. Dr. Habershon by no means wishes to banish mercurials from practice, believing them to be valuable remedial agents, but to regulate and restrict their use to certain conditions, of which he gives an enumeration.—*Brit. and For. Med.-Chir. Rev.*, July, 1860, p. 163-4.
1861. KUSSMAUL, A. Untersuchungen über den constitutionellen Mercurialismus und sein Verhältniss zur constitutionellen Syphilis.
Würzburg, 8vo, pp. 434.
1861. OVERBECK, R. Mercur und Syphilis. Physiologisch-chem. und patholog. Untersuchungen über das Quecksilber und über die Quecksilber-krankheiten.
Berlin, 8vo, pp. 351.
- The chief points of inquiry in this work are the absorption of metallic mercury, in the form of mercurial ointment and of certain other mercurial preparations, and the effects of, and the diseases produced by mercury. Although it cannot be said to exhaust the subject on which it treats, it must be considered as a most important contribution to our knowledge.—*Med. Times and Gaz.*, January 18, 1862, p. 65.
1861. SIRUS-PIRONDI, —. Sur l'absorption des médicaments, à propos de quelques faits de Stomatite Mercurielle survenue après la cautérisation du col utérin.
Marseille, 8vo, pp. 40.
1862. BEAULIES, H. G. *Quelques considérations sur la Stomatite Mercurielle.
Strasbourg, 4to, pp. 28.
1863. DRYSDALE, C. M. On the treatment of Syphilis and other diseases without Mercury, being a collection of evidences to prove that Mercury is a cause of disease, not a remedy.
London, 8vo, pp. 133.
- A well-written pamphlet, calculated to check the indiscriminate use of mercury in all diseases, and to coolen the passion for that panacea 'grey-powder' which has so long prevailed among practitioners in this country.—*Brit. and For. Med.-Chir. Rev.*, January, 1865, p. 48.
1865. HERMANN, J. Die Mercurial-krankheiten und deren Verhältniss zur Lustseuche.
Vienna, 8vo, pp. 294.
Bibl. Med.-Chir. Soc.
1868. BLANCHON, C. *De l'Intoxication Mercurielle. Paris, 4to.
1871. KABLÉ, L. *Considérations d'Hydrargyrie à la suite de frictions Mercurielles. Paris, 4to.
1872. GAIRAL, J. J. *Du tremblement Mercuriel. Paris, 4to.

CALOMELAS.

Hydrargyri Subchloridum. Calomel.

1700. CASPAR, J. *Diss. de panacea Mercuriali. Præs. R. J. Camerarius. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*
1700. STOLLIUS, J. A. *De Mercurio dulci. Præs. G. W. Wedel. Jenæ, 4to. *Bibl. Coll. Phys. Edin.; Coll. Phys. Lond.*
1705. WAGNITZ, M. E. Meditatio medica curiosa de Mercurio dulci pulverato. Quidlinburgi, 12mo. *Bibl. Coll. Phys. Edin.*
1742. STENZEL, C. G. De Mercurio dulci præstantissimo pituitæ resolvendæ et evacuandæ remedio. Wittembergæ, 4to.
1745. HAVIGHORST, J. De singulari Mercurii dulcis usu in desperatis quibusdam morbis. Præs. M. Alberti. Halæ Magd, 4to. (In *Haller, Disp. ad Morb.*, vii, p. 181). *Bibl. Med.-Chir. Soc. (Haller); Acad. Edin.*
1747. WANNER, F. X. Systema rationem dulcificationis Mercurii dulcis, &c., sistens. Argentorati, 4to.
1759. NORMAN, J. Method of curing Gonorrhœa, with an account of the efficacy of Plummer's Alterative Pills (Pil. Hydrargyri Subchloridi comp., *Br. Ph.* 1867). London, 8vo. *Bibl. Med.-Chir. Soc.*
1769. BRENDEL, J. G. Progr. de inopinatis ex Mercurio dulci noxis. (In *Opusc. ed. Wrisberg*, i, p. 69.) Gottingæ, 4to.
1771. LYSONS, D. Essay on the effects of Camphire and Calomel in Continued Fevers, &c. London, 8vo. Farther observations, Bath, 8vo, 1777. *Bibl. Med.-Chir. Soc.*
1773. HARTMANN, P. J. Diss. de Mercurio dulci martiali ejusque præparatione et usu medico. Francof. ad Viad. 4to.
1779. CRUIKSHANK, W. Remarks on the absorption of Calomel from the internal surface of the mouth. London, 8vo.
1780. LANGGUTH, —. Prog. de Mercurio dulci, potentissimo Hydropis domitore. Wittembergæ, 4to.
1785. HAMILTON, R. Letter to Dr. Duncan giving an account of a successful method of treating Inflammatory Diseases by Mercury and Opium. (Ex. in *Duncan's Med. Commentaries*, ix, 1785, p. 191.)

Few contributions to medical periodical literature have ever exercised a wider and more durable influence than this. For fully half a century subsequently the combination of calomel and opium, here advocated, constituted the routine practice in all cases of inflammation amongst British practitioners in all parts of the globe, and considering how indiscriminately it was employed, the only wonder is that it was not productive of such a degree of mischief as to make shipwreck of its own reputation. Calomel as a remedy in inflammation was in use by American physicians some years anterior to Dr. Hamilton's recommendation of it (*vide* Beck, "In Hydrargyrum," 1864), but it was reserved for him to demonstrate its greatly increased value when given in conjunction with opium.

1793. HILDEBRANDT, G. F. *Mercurii dulcis laudes. Resp. L. H. Winkel. Erlangæ, 12mo. *Bibl. Acad. Edin.*

1803. YEATS, G. D. An account of the good effects obtained from a combination of Calomel and Opium in Inflammatory Diseases. (Ex. in "Annals of Medicine," vol. ii, Lustrum ii).
1814. KINNIS, J. *De effectibus Muriatis Hydrargyri noxiis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1814. FITZLER, C. C. De usu Mercurii dulcis in Febre Nervosa. Jenæ, 8vo.
1816. GRIFFITH, C. On Hepatitis: with an appendix recommending the old Submuriate of Mercury in preference to those now in use. London, 8vo.
1821. HALLIDAY, A. Memorial to the Honorable the Court of Directors for the Affairs of the East India Company. Calcutta, 8vo, pp. 200.

A rare little work, presenting the history of a modern medical martyr, Dr. A. Halliday, of the Bengal Medical Service, and furnishing a curious episode in the history of mercury which appears worth preserving. In 1818 the Bengal Medical Board issued a circular calling upon the medical officers of that Presidency to furnish information based upon personal observation with regard to the diseases of the country, their treatment, &c., with the view of embodying the reports and publishing them collectively in one volume. Dr. Halliday, who had filled the office of surgeon to the General Hospital at Calcutta from May 1st, 1818, to August 17th, 1819, sent in a paper entitled—"Curious Coincidence betwixt the number of Casualties and the quantity of Calomel used in the General Hospital at Calcutta, extracted from the appendix to remarks on the monthly returns of that hospital for the last three years and nine months," the sum and substance of which is embodied in the following table:

	Cases treated.	Grains of Calomel to each Patient.	Proportion of Deaths to Cases.
From 1st May, 1816, to 30th April, 1817	1063	102 $\frac{8}{9}$	1 in 8 $\frac{3}{4}$
" " 1817 " " 1818	875	208	1 " 7 $\frac{1}{2}$
" " 1818 " " 1819	2089	51 $\frac{1}{10}$	1 " 15
" " 1819 " 17th August, 1819	635	28 $\frac{1}{2}$	1 " 20
" 1st Sept, 1819 " 21st January, 1820	707	123 $\frac{3}{4}$	1 " 6 $\frac{1}{5}$

The paper, which contained also some strictures on the hospital management, gave great offence to the ruling powers, who apparently were staunch mercurialists, it being considered to reflect injuriously on their favourite practice. Dr. Halliday was therefore called upon to withdraw his paper and recant his opinions, which he refused to do, though great pressure was brought to bear upon him, as he alleged that what he had advanced was strictly correct and based on his own personal observation. The result was, to use Dr. Halliday's own words, "The Governor-General in Council was pleased to remove me from the situation of Presidency Surgeon" (to which appointment he had in the mean time succeeded), "and resolved not to admit of my being again vested with any medical trust until Government shall be fully satisfied by a report from the Medical Board that I have become sensible of my error, and disposed in consequence to exercise a greater sobriety of judgment in the future performance of my duties—to abstain from rash and crude innovation, and be more attentive to the rule and mode of medical practice which higher qualifications and more extensive experience have established." He

was accordingly removed from his office, and for months afterwards, we learn from a subsequent part of the memoir, he did not receive one rupee of pay, but was left to support himself and his family as best he could. The result of his memorial to the Court of Directors was, that he was reinstated in the service, so at least I learn from Dr. Norman Chevers, through whose kindness I have been able to consult Dr. Halliday's highly interesting memorial.

1822. WHINCOPP, W. A case of Hydrothorax...with observations on Hydrargyri Submuriæ. London, 8vo, pp. 21.
 1823. OCKERSE, C. F. R. De Mercurio dulci ejusque usu in morbis infantium et puerorum. Ultraject. 8vo, pp. 86. *Bibl. Roy.*
 1825. ANNESLEY, J. On the action of Calomel. Being a critical analysis of part iii of "Sketches of the most prevalent Diseases of India," &c., with a treatise on Cholera, &c. London, 8vo, pp. 464.

An essentially practical work, illustrating the safety and efficacy of large doses of calomel. In fevers, whether intermittent, remittent, or continued, in dysentery, acute and chronic, and in diseases of the liver, Mr. Annesley records his opinion derived from large experience that calomel in doses of from ten to twenty grains, either alone or variously combined, is an excellent remedy. In these diseases his general practice was to give grs. xx of calomel with or without gr. j—ij of opium, at bedtime, followed by a smart purgative in the morning, and this practice was repeated daily until the excretions assumed a healthy character. A tonic laxative was then resorted to till the functions of the bowels were completely restored. The least degree of soreness of the gums was regarded as interfering with the salutary effects of the calomel, as its use had then to be discontinued, the object throughout being to act upon the secretions of the intestines and to diminish vascular excitement in the intestinal canal, and not in the most remote degree to act upon the salivary glands. The idea that mercury to be useful must affect the gums is deprecated by the author, who considers that this, as well as other untoward effects resulting from the administration of calomel, are due to its being exhibited in small doses frequently repeated, a practice which is here strongly condemned. See further analytical review in *London Med. Phys. Journ.*, lv, 1826, p. 40—53.

1826. MILITZER, J. G. *Vide* "Moschus," 1826.
 1824. BOYLE, J. A Treatise on Syphilis, exhibiting the advantages of large doses of Submuriate of Mercury in the cure of that disease. Also an inquiry into the *modus operandi* of Mercury. London, 8vo, pp. 166. *Bibl. Med.-Chir. Soc.*
 1828. FABIUS, C. N. Observationes circa usum Mercurii dulcis Opii juncti in Morbis Pectoris Inflammatoriis. Groningæ, 8vo, pp. 61. *Bibl. Roy.*
 1830. EXNER, C. *De Mercurio dulci novaque eum adhibendi methodo. Berol. 8vo, pp. 33.
 1830. REIMERS, A. F. H. *De magno Calomelitis usu in morbis nonnullis infantium. Kiliæ, 8vo, pp. 36.
 1832. LEPELLETIER, A. Sur les Granulations, les Nuages et les Ulcères de la Conjonctive et de la Cornée, et sur les grands avantages de l'emploi du Calomel dans le traitement de ces altérations. Paris, 8vo.

1833. AYRE, J. A report on the method and results of the treatment of Malignant Cholera by small and frequently repeated doses of Calomel, &c.

London, 8vo, pp. 167.
Bibl. Coll. Phys. Edin.

The treatment here set forth met with very general acceptance by the profession, and deserves to be classed amongst the most successful modes.

1835. MIEGE, J. *De Calomele. Pragæ, 4to, pp. 44.
1838. HORNEMAN, C. J. E. *De effectu atque usu majorum dosium Calomellis. Havniæ, 8vo, pp. 58.
1839. HORNEMAN, C. J. E. De rationibus dosium Calomellis imprimis majorum zoochemicis. Havniæ, 8vo, pp. 50.
1846. DANY, —. Recherches sur l'emploi du Calomel à doses fractionnées dans le traitement des Maladies Vénériennes.

Paris, 8vo, 27.

1850. COX, W. J. The Cholera: what has it taught us? Its modes of treatment examined, and the mode by Calomel shown to be the best. With cases.

London, 8vo, pp. 26.

The most uncompromising mercurialist who ever existed was perhaps Dr. Stilon, who in a cholera epidemic at Malta in 1837 distributed no less than 87,000 grains amongst 373 patients, being on an average about 230 grains each; one patient took 1160 grains. Under this heroic treatment 52 per cent. of the cases proved fatal, so that its success cannot be said to have been very marked. An English translation of Dr. Stilon's work, 'The Cholera at Malta in 1837,' was published by Dr. S. B. Watson, London, 8vo, 1848.

1850. WITTICH, M. Die acute Pneumonie, und ihre sichere Heilung mit Quecksilberchlorür (Calomel?) ohne Blutentziehung.

Erlangen, 8vo, pp. 100.

1852. ROGG, J. De Calomele in Typho. Lindaviæ, 8vo, pp. 15.

1852. LAUTOUR, —. De la Fièvre Typhoïde observée à Damas, et de son traitement par le Calomel.

Paris, 8vo, pp. 16.

1853. HAUFFE, A. O. T. De Calomelanos usu in Typho Abdominali, brevis expositio.

Lipsiæ, 8vo, pp. 32.

1857. KRÜGER, G. E. De Calomelane ad Typhum sanandum adhibendo.

Berolini, 8vo, pp. 28.

1857. AURNHAMMER, C. *De Calomelane in Typho.

Monachii, 8vo, pp. 15.

1862. BROUSSON, E. *Du Chancre phagédénique et de son traitement par le Calomel à doses fractionnées.

Strasbourg, 4to, pp. 26.

1865. PÉCHOLIER, G. Des indications de l'emploi du Calomel dans le traitement de la Dysenterie.

Paris, 8vo, pp. 78.

1868. BELHOMME, —. Du traitement du Phagédénisme Chancereux au moyen du Calomel pris à l'intérieur.

Paris, 8vo, pp. 16.

1872. PIROCCHI, P., et PORLEZZA, P. L. Contribuzione alla cura della Sifilide colle iniezioni ipodermiche di Calomelano.

Milano, e Roma, 8vo, pp. 64.

1873. PIERANTONI, G. Contribuzione alla cura della Sifilide per le inoculazioni ipodermiche di Mercurio Calomelano.

Pesaro, 8vo, pp. 32.

1873. BELLINI, R. Contributo alla storia terapeutica del Calomelano. Read before the Royal Medico-Physical Academy of Florence, February 23rd. Firenze?

The object of this essay is to point out the possible change, either partial or complete, of calomel into corrosive sublimate within the living body of either man or of the inferior animals. The author, who discusses the subject in the only way becoming a philosopher and scholar, traces his subject carefully through the scattered fragmentary notices of his predecessors, adds his own observations and experiments, and so presents the whole matter in an intelligible form within the limits of a brief essay, the materials of which could readily have been expanded into a volume. For an abstract of his observations, and his practically useful directions for the administration of calomel, see *Dublin Journ. Med. Sci.*, October, 1873, p. 300-303.

1874. VALLE, E. Delle iniezioni ipodermiche di Calomelano nelle malattie Sifilitiche. Sassari, 8vo, pp. 70.

1875. HORTELOUP, —. Traitement de la Syphilis par les fumigations de Calomel. Paris, 8vo, pp. 15.

CINNABARIS. HYDRARGYRI SULPHURETUM.

Cinnabar.

1679. SCHULZE, G. Scrutinium Cinnabarinum, &c. Halæ, 8vo, pp. 192. *Bibl. Coll. Phys. Lond.; Med. Soc. Lond.*

Contains a description of a compound of cinnabar and dragon's blood to which great medical virtues are ascribed.—Vide *Haller, Bibl. Med. Pract.*, ii, p. 836.

1681. TILINGIUS, M. Cinnabaris mineralis seu Minii naturalis scrutinium. Francof. 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1682. HOFFMANN, F. Exercitatio medico-chymica de Cinnabari Antimonii ejusque eximiis viribus, &c. Jenæ, 4to. Lugd. Bat. 1685, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*

Notwithstanding the title, this work has reference to the cinnabar of mercury.

1684. CLAUDERUS, G. Inventum Cinnabarinum, i. e. Diss. de Cinnabari nativa Hungarica, in majorem efficaciam fixata et exaltata. Jenæ, 4to, pp. 68. *Bibl. Med.-Chir. Soc.; Banks.*

Proposes a process by which native cinnabar may be rendered fit for medicinal purposes.—Vide *Haller, Bibl. Med. Pract.*, iii, p. 107.

1708. HOFSTETER, J. A. Ob der natürliche Zinnober als eine Arzney in dem menschlichen Leib ohne Gefahr gebraucht werden könne. Leipzig, 4to. Latin transl. Hafniæ, 1734, 4to.

1709. BING, J. *De Cinabare et Mercurio. Hafniæ, 4to.

1743. CARTHEUSER, J. F. *De Cinnabaris inertia medica. Resp. J. C. Lindner. Francof.-ad-Viad. 4to. (in ejus *Diss. Select.* p. i, 27). *Bibl. Banks.*

1749. BOECLER, J. De Cinnabari factitiâ vulgari, Cinnabari nativæ et Antimonio non solum æquiparando sed et præferendo. Argentorati, 4to.
1760. OETTINGER, F. C. De Cinnabari exsule reduce in pharmacopium. Tubingæ, 4to. *Bibl. Radcliffe.*
1762. WALLERIUS, J. G. *De Cinnabaris in corpus humanum effectibus. Resp. N. Skragge. Upsalæ, 4to. (In *Baldinger, Sylloge*, vol. iii, p. 155.) *Bibl. Med.-Chir. Soc.* (Baldinger).
1764. DALBY, J. On the virtues of Cinnabar and Musk against the bite of a Mad Dog. Birmingham, 4to. *Bibl. Med.-Chir. Soc.*
1778. DEMETRIUS, P. De medicis Cinnabaris viribus. Lipsiæ, 4to.
1780. PONYEKA, D. *De anathymiasi (fumigationes) Cinnabaris. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*
- The employment of cinnabar fumigation in the treatment of syphilis is noticed by some of the earliest writers on that disease. Its virtues are lauded in verse by Jerome Fracastorius of Verona in 1555; and Rondeletius in 1583 furnishes directions and formulæ for its application. See *Turner's Summary of Luisinus Aphrodisiacus*, pp. 412, 47—8, &c.
1836. VENOT, J. Nouvelle manière d'employer le Cinabre en fumigation. (*Rev. Médicale*, March, 1836, p. 402.)
1867. ABEILLE, J. Traitement du Croup par les inhalations de la vapeur du Sulfure de Mercure. Paris, 8vo, pp. 35.
1868. ABEILLE, J. Suite du travail sur le traitement du Croup par les inhalations des vapeurs humides du Sulfure de Mercure. Paris, 8vo, pp. 23.

HYDRARGYRI CORROSIVUM SUBLIMATUM.

Corrosive Sublimate.

1737. KIRSTEN, J. J. De modo Mercurium Sublimatum purum a depravato discernendi. Altdorfi, 4to.
1738. DEGNER, J. H. De Dysenteria bilioso-contagiosa, &c. Accedit Relatio historica de morte per Mercurium Sublimatum in emplastro applicatum inducta. Traject. ad Rhen. 8vo. *Bibl. Med.-Chir. Soc.*
1757. DELLA BONA, J. Historia aliquot curationum Mercurio Sublimato corroderenti perfectarum. Veronæ, 8vo. Idem, Romæ, 1761, 8vo. *Bibl. Roy.* (ed. 1761).
1757. BROMFIELD, W. Account of the English Nightshades...with practical observations on the use of Corrosive Sublimate and Sarsaparilla, &c. London, 12mo, tab. i. *Bibl. Med.-Chir. Soc.*
1758. STOCKHAUSEN, A. F. *De Mercurii Sublimati Corrosivi usu medico interno. Præs. A. E. Buechner. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1761. ZANNINI, G. E. *Mercurii Sublimati vindiciæ*. Epist. ad G. van Swieten. Romæ, 8vo. (in *Baldinger Syllog.*, ii, p. 142.)
Bibl. Med.-Chir. Soc. (Baldinger.)
1762. CALVI, J. Lettera sopra l'uso medico interno del Mercurio Sublimato Corrosivo, &c. Cremonæ, 4to
1762. CREN, F. A. Tract. physico-med. de Americana Lue, ac omnium tutissima curandi methodo Mercurii Sublimati Corrosivi ope. Melitæ, 4to.
1763. LE BÈGUE DE PRESLE, A. G. Mémoire pour servir à l'histoire de l'usage interne du Mercure Sublimé corrosif, principalement dans les Maladies Vénériennes. Paris, 12mo.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1763. HUDEMANN, G. F. *Diss. observationes quasdam ad Cicutæ, Mercurii Sublimati et Phosphori usum internum pertinentes sistens. Præs. P. J. Hartmann. Helmstadii, 4to.
1764. HAEN, A. DE. Sur l'usage du Sublimé Corrosif, &c.
Vide "Colchicum," 1764.
1764. GATAKER, T. Essays on Medical subjects, to which is now prefixed an introduction relating to the use of Hemlock and Corrosive Sublimate, &c. London, 8vo, pp. 281.
Bibl. Med.-Chir. Soc.
- The information regarding the sublimate is short and meagre, occupying only three pages (xli—xliii) of the introduction, amounting only to this, that it may be given internally with safety, and that it is especially serviceable in syphilitic eruptions, as it acts upon the skin more powerfully than any other mercurial preparation.
1764. HIRSCH, L. E. Betrachtung über den itzigen innerl. Gebrauch des Mercurii sublimati corrosivi und des Schierlings in verschied. Krankheiten. Berlin, 8vo. Ibid. 1767.
Bibl. Roy.
1766. HOFFMANN, J. M. Diss. de Mercurii Sublimati virtute in Affectibus Cutaneis. Argentorati, 4to (in *Wittwer Delect.*, ii, pp. 157.)
Bibl. Med.-Chir. Soc. (Wittwer.)
1766. RUMPELT, G. L. Worin bestehet die Wirksamkeit des ätzen- den sublimirten Quecksilbers, &c. Wien, 8vo. *Bibl. Roy.*
1767. CHRISTIANOPULI, G. Descriptio historica morborum gravissimorum nunc Mercurii Sublimati Corrosivi usu interno feliciter sanatorum. Brixia, 4to.
1767. CASAMAJOR, A. Quæstio medica... An Lui Venereæ Sublimatum Corrosivum? Resp. L. C. Guilbert. Paris, 4to.
1771. VOGEL, R. A. Observationes practicæ circa Mercurii Sublimati Corrosivi usum in morbis imprimis Syphiliticis. Gottingæ, 4to.
1772. COTTON, J. An Herpeti, licet non venereo, Sublimatum Corrosivum? Paris, 4to.
1774. HORNE, R. D. DE. On the efficacy of Corrosive Sublimate in Syphilis. See "*Hydrargyrum*," 1774.

1774. MACQUER, P. J., et VICQ-D'AZYR, F. *Quæstio medica an Lue Venereæ Sublimatum Corrosivum? Paris, 4to. (In *Baldinger Sylloge*, vi, p. 81.) *Bibl. Med.-Chir. Soc.* (Baldinger).
1775. MOULIÉ, J. *De usu Sublimati Corrosivi in Lue Venerea. Monspelii, 4to. *Bibl. Med.-Chir. Soc.*
1777. BICKER, G. *De recto atque tuto Mercurii Sublimati Corrosivi in variis morbis usu. Gottingæ, 4to. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1780. WYNKISSELY (vel WYKISSABY), W. De Mercurii Sublimati Corrosivi in Syphilide efficaci tutoque usu. Vienna, 4to, pp. 40. *Bibl. Roy.*
1780. CIRILLO, D. Avviso intorno alla maniera di adoperare l'unguento di Sublimato Corrosivo nella cura delle Malattie Veneree. Napoli, 8vo. Further observations, 1783.
 Cirillo gave preference to corrosive sublimate over every other form of mercury in the treatment of syphilis. He used it in the form of ointment composed of a drachm of the salt, previously dissolved in an aqueous solution of sal ammoniac and 1 oz. of lard. This was rubbed into the sides of the feet till a cure was effected. He regards this treatment as milder and less uncertain than any other in general use.—*Pearson*, p. 123.
1784. CLAD, F. A. Diss. de proscribendo potius quam præscribendo ulterius Mercurii Sublimati interno ac locali in re medica et chirurgica usu. Argentorati, 4to.
1785. JACOBI, F. Descriptio methodi Mercurium Sublimatum tutius, copiosiusque adhibendi. Monasterii, 8vo. *Bibl. Roy.*
1797. REIFF, —. De usu Mercurii Sublimati corrosivi in pertinacibus ac dubiis symptomatibus malum hypochondriacum subinde comitantibus, &c. Erfordiæ.
1801. RITZEROW, B. M. J. *De usu Mercurii Sublimati Corrosivi in Morbis Venereis interno. Jenæ, 8vo.
1802. ACHARD-LAVORT, J. B. *Considérations médicales sur le Muriate de Mercure sur-oxygéné, ou le Sublimé Corrosif. Paris, 8vo. *Bibl. Coll. Surg. Lond.*
1808. BURKHARDT, M. C. *De usu Hydrargyri Muriatici Corrosivi in tumore pro Arthritico habito. Erlangæ, 4to.
 M. Burkhardt considers corrosive sublimate as almost a specific against the swellings which occur about the joints of rheumatic persons.—*Eberle*, ii, p. 421.
1824. PRUDHON, E. *Du Sublimé Corrosif considéré comme agent chimique toxicologique et thérapeutique. Paris, 4to.
1825. MUELLER, F. C. *De Hydrargyro Muriatico Corrosivo. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1826. MEURER, H. F. *De vitandis in præscribendo Mercurio Sublimato Corrosivo vitiis. Lipsiæ, 4to, pp. 31.
1826. SIMON, F. A. Ueber den Sublimat und die Inunctionkur, mit besond. Beziehung auf Dzondi's neue, zuverlässige Heilart der Lustseuche, &c. Ein historisch-kritischer Versuch. Hamburg, 8vo, pp. 233.

1829. RUST, J. C. F. *De Mercurii Sublimati Corrosivi natura et usu. Rostochii, 8vo, pp. 30.
1858. JOSEPH, W. *Hydrargyrum Bichloratum Corrosivum quid in respiratione, cordisque actione efficiat. Gryphiæ, 8vo, pp. 23.
1869. LEWIN, G. Die Behandlung der Syphilis mit subcutaner Sublimat-Injection. Berlin, 8vo, pp. 264, tab. i. English transl. by Drs. Proegler and Gale, 1872 (loc?).
- Lewin's experience, founded on 700 cases, is strongly in favour of the hypodermic use of mercury in syphilis—rapid in its results as well as safe and effectual, though he does not regard it as applicable to all cases. He employed a solution of corrosive sublimate in distilled water. For his views, together with those of other investigators on this mode of treatment, see *Brit. and For. Med.-Chir. Rev.*, October, 1869, p. 510.
1871. BERNARD, H. A. *Des injections sous-cutanées de Sublimé Corrosif dans le traitement de la Syphilis. Paris, 4to.
1872. STAUB, C. E. *Traitement de la Syphilis par les injections hypodermiques de Sublimé à l'état de solution Chloro-albumineuse. Paris, 4to.
1873. COTTE, L. *Du traitement de la Syphilis par les injections sous-cutanées d'une solution de sel Hydrargyrique. Paris, 4to.
1873. LE MOALIGOU, N. A. M. *Des injections sous-cutanées de Sublimé dans le traitement de la Syphilis. Paris, 4to.
1874. BADIA, S. La curacion de la Syphilis por les inyecciones hypodérmicas de Biclورو Hidrargyrico segun los métodos de los profesores Lewin y Letamendi. Madrid, 8vo, pp. 112.
1874. KLOKOW, E. Beitrag zur Casuistik über die Wirkung der subcutanen Sublimatinjection bei der Syphilis, insonderheit bei Ulcus durum. Königsberg, 8vo, pp. 35.

CORROSIVE SUBLIMATE,

TOXICOLOGY OF.

1777. NAVIER, P. T. Contre-poisons de l'Arsenic, du Sublimé Corrosif, &c. Paris, 2 vols. 12mo. German transl. by C. E. Weigel, Leipzig, 1782, 2 vols. 4to. *Bibl. Acad. Edin.*
1820. BARBÉ, R. J. *Sur l'empoisonnement par le Sublimé Corrosif. Paris, 4to.
1820. TADDEI, G. Sopra un nuovo antidoto (Gluten) del Sublimato Corrosivo e per le altre preparazioni venefiche del mercurio. Firenze, 8vo, pp. 107. French transl. by G. Odier, Paris, 1822, 8vo. *Bibl. Med.-Chir. Soc.*

The experiments of Professor Taddei show that the property of decomposing corrosive sublimate is possessed in an eminent degree by gluten. If the salt in solution is properly mixed with a due proportion of the gluten of wheat, that is about four times its weight, the water will be found no longer to contain any mercury, while the gluten becomes whitish, brittle, hard, and not prone to putrefaction. This change is effected with rapidity. Twelve grains of the sublimate thus decomposed had no effect whatever on a dog. Wheat flour will probably prove an effectual antidote by reason of the gluten it contains.—*Christison on Poisons*, pp. 380, 431.

1824. PRUDHON, E. *Anté* (p. 500), 1824.

1830. MANCÉL, N. *De l'empoisonnement par le Deuto-chlorure de Mercure. Paris, 4to.

1842. MIALHE, L. Nouveau antidote du Sublimé Corrosif.

(Ex. in *Bulletin de l'Acad. Royale de Méd.*, viii, 1842, p. 10.)

The antidote here proposed by M. Mialhe is the proto-sulphuret of iron prepared by decomposing sulphate of protoxide of iron by hydrosulphate of ammonia. Orfila found it a perfect antidote provided it was administered to animals immediately after the poison, and that the lapse of ten minutes was sufficient to render it useless.—*Chritison, op. cit.*, p. 442. This constitutes a great objection to its use.

1844. BOUCHARDAT et SANDRAS, MM. Recherches et expériences sur les contre-poisons du Sublimé Corrosif.

(Ex. in *Ann. de Thérap.*, 1844, p. 88.)

The hydrated persulphuret of iron was the antidote advocated by M. Bouchardat, but the same objection applies to it as to the protosulphuret advised by Mialhe (*anté.*)

1845. POUMET, —. Sur le Protochlorure d'Étain considéré comme contre-poison du Deutochlorure de Mercure. Paris, 8vo.

1852. SCHUCHARDT, B. On Magnesian Hydrate as an antidote to Corrosive Sublimate. *Vide* "Magnesia," 1852.

Note.—None of the above antidotes are superior to albumen (white of egg), the value of which was first pointed out and demonstrated by the great French toxicologist Orfila, in his standard work on Poisons.

HYDRARGYRI CYANIDUM.

Cyanide of Mercury.

1868. BECK, —. Observations sur l'emploi du Cyanure de Mercure dans le traitement de la Diphthérie. Paris, 8vo, pp. 24.

HYDRARGYRI IODIDUM.

Iodide of Mercury.

1831. O'SHAUGHNESSY (BROOKE), Sir W. B. Essays on Iodine in Scrofulous Diseases, &c., with appendix on the Iodurets of Mercury, Lead, &c. *Vide* "Iodine," 1831.

1850. MIRONE, G. Sul Ioduro Mercurioso. Catania, 8vo.

1856. NESSLER, J. *Ueber das Verhalten des Iodquecksilbers, &c. (Chemical.) Freiburg, 8vo, pp. 33.

1857. HARDY, M. Du traitement de l'Acne par les préparations d'Iodure de Mercure. (Ex *Moniteur des Hôpitaux*, 1857.)

Paris, 8vo, pp. 16.

1858. ROCHARD, F. L'Odyssée thérapeutique de l'Iodure de Chlorure Mercureux. Paris, 8vo, pp. 72.

An important paper on the action of the iodide and bromide of mercury by Professor Bellini of Florence, in 'L'Imparziale' March 2nd, 1874. For a summary of the results obtained see *London Med. Record*, March 18th, 1874.

HYDRARGYRI OLEO-STEARAS.

Oleo-Stearate of Mercury.

1858. VENOT, J. *Emploi thérapeutique de l'Oléo-Stérate de Mercure.* Bordeaux, 8vo, pp. 16.

HYDRARGYRI OXIDUM NIGRUM.

Black Oxide of Mercury.

1801. TÖRNGREN, J. A. *Diss. sistens positiones nonnullas circa usum Hydrargyri Oxydulati Nigri in Lue Venerea. Præs. G. E. Haartman. Aboæ, 4to, pp. 14.

HYDRARGYRI OXIDUM RUBRUM.

Red Precipitate.

1808. BERG, J. F. *De Hydrargyri Oxydati Rubri usu interno tum ad alios morbos tum potissimum ad Morbos Syphiliticos.* Francof. ad Viad. 8vo.

Red precipitate as a local application to syphilitic ulcers is a remedy of ancient date. From a passage in the Aphrodisiacus of Luisinus (*vide* "Guaiacum," 1566), it appears that the priority as to its use as an external application in this class of cases was claimed by John de Vigo and Nicholas Massa, both of whom flourished early in the 16th century. Dr. Turner in his "Summary" of this work (p. 13), observes, "Now, whether Vigo or Massa was the first who prepared this noble chirurgick remedy (is uncertain); if the former, as appears, was the first who published it, whilst the latter made a secret of it, 'tis plain that the praise and commendation must be Vigo's for revealing and making the same publick, and which I must number amongst the most useful legacies which were ever left to the practitioners of that art."

1816. VALLI, —. *Sur la découverte de la vertu anti-fermentescible de l'Oxide rouge de Mercure.* Paris, 8vo, pp. 24.
1818. JEMINA, J. B. *Saggio di osservazioni pratiche sopra l'efficacia antisifilitica dell'imperter mossido Rosso di Mercurio.* Mondovi, 8vo.
1830. BERG, J. F. *Über die innerl., vorzügl. bei syphilitischen Krankheiten, höchst empfehlenswerthe Anwendung des rothen Quecksilber Oxyd's. Berlin, 8vo, pp. 30.
1831. FEIBER, P. *De Hydrargyri præcipitati rubri efficacia ad Syphilidem tollendam. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1833. BRAULIK, J. T. *De Mercurio præcipitato rubro; adnexis binis historiis morborum clinicorum. Pragæ, 8vo, pp. 92.
1835. MUELLER, M. A. *De Mercurio præcipitato rubro. Monachii, 4to, pp. 52.

HYDRARGYRI PERNITRAS.

Acid Nitrate of Mercury.

1826. GODART, A. *De l'emploi du Nitrate Acide de Mercure. Paris, 4to.

Recommends its employment as a caustic in lupus and other obstinate forms of ulceration.

1858. CHAMBÉ, C. *De l'empoisonnement par le Nitrate Acide de Mercure. Strasbourg, 4to, pp. 38.

HYDRARGYRI PHOSPHAS.

Phosphate of Mercury.

1793. HEROLD, N. B. *Quædam momenta de usu Mercurii Phosphorati Schœfferi. Jenæ, 4to, pp. 18.
 1794. SCHMIDT, J. F. *Diss. Hydrargyri Phosphorati historiam chemicam et usum medicum sistens. Erfordiæ, 4to, pp. 23.
 1795. FUCHS, G. F. C. Chemische Bemerkungen ueber das Phosphorsäure Quecksilber, die Boraxsäure, &c. Jenæ et Lipsiæ, 8vo.

HYDRARGYRI PROTO-TARTRAS CUM POTASSA.

1832. CARBONELL, F., et BRAVO, —. Mem. acerca de la preparacion farmiscas y usos medicinales del Prototartrate de Mercurio y Potassa. Madrid, 8vo.

HYDRARGYRI SULPHURETUM NIGRUM.

Æthiops Mineral.

1725. SCHROMMIUS, J. F. *De Æthiope Minerali. Altdorfii, 4to. *Bibl. Coll. Surg. Lond.*
 1744. DELIUS, H. F. *Diss. de Æthiope Minerali cum analectis de salibus. Erlangæ, 4to
 1748. HILSCHER, S. P. Progr. de Æthiope Minerali. Jenæ, 4to.
 1872. CADET, S. Nouvelles études sur le Choléra asiatique. Le Sulfure noir de Mercure proposé pour préserver l'Italie de ce terrible fléau : traduction du Comte C. des Dorides. Roma, 8vo, pp. 40.

In this pamphlet Dr. Cadet proposes the black sulphide of mercury as a preventive and cure of cholera. He states that under its use at Nepi in 1854 and at Ravenna in 1855, as well as at Rome in the practice of one physician, 100 per cent. of those attacked by cholera recovered. He recommends four grains to be taken once or twice a week, or, still better, a grain daily in a spoonful of wine as a preventive, and twelve to thirty grains as a remedy. See, further, *London Med. Record*, February 19th, 1873, p. 108.

1875. CADET, S. Ragionamento inteso a comprovare la mirabile efficacia terapeutica del Solfuro nero di Mercurio detto comunemente Etiope Minerale in più nature di morbi, particolarmente dei Pestilenziali e più particolarmente dell' Indo Colerico (Estratto). Roma, 4to, pp. 10.
 1875. CADET, S. Proposta intorno alla cura della Lissa detta comunemente Rabbia canina o Idrofobia. Roma, 8vo, pp. 32.

The object of this pamphlet is to set forth the virtues of the black sulphide of mercury (æthiops mineral) in the treatment of hydrophobia. The author would not omit the usual measures of ligature, suction, and cauterisation, but would supplement them by the internal administration of the mercurial sulphide.—*Dublin Journ. Med. Sci.*, January, 1876, p. 30.

MINOR MERCURIAL PREPARATIONS.

In addition to the foregoing preparations of mercury, others have from time to time been proposed which have enjoyed considerable temporary repute and been made the subject of treatises by their inventors and others, but which nevertheless have fallen into disuse. Amongst the older ones may be named Keyser's "Dragées Anti-vénériennes" (1756), the base of which was acetate of mercury; Plenck's "Liquor Mercurialis" (1769), an emulsion of mercury and gum arabic; the "Liqueur de Pressvain" (1767), a solution of the oxide of mercury and acid tartrate of potash; "the Soluble Mercury of Hahnemann" (1792), an ammonical proto-nitrate of mercury; "Velnos' Vegetable Syrup" (1787), &c. It has not appeared advisable to reproduce the bibliographies of these obsolete preparations which are given *in extenso* by Mérat and De Lens.—*Dict. Mat. Med.*, vol. iv.

HYDROCHLORIC ACID.

Muriatic Acid, Spirit of Sea Salt, &c.

1787. DEMLER, J. F. *De circulatione Acidi Muriatici usibus quibusdam chirurgicis opportuna, &c. Tubingæ, 4to, pp. 22.
1790. FORDYCE, W. A Letter to Sir J. Sinclair concerning the virtues of Muriatic Acid or Spirit of Sea Salt in the cure of putrid diseases. London, 8vo. *Bibl. Manchester Med. Soc.*
1792. ROWLEY, W. A treatise on Gout...with the excellent effects of the Muriatic Acid in the relief of that disorder. London, 8vo. *Bibl. Med.-Chir. Soc.*
1801. GUYTON-MORVEAU. *Vide* "Disinfectants," 1801.
1807. KOLB, P. J. *Ueber die medicamentöse Anwendung der Salzsäure. Landshut, 8vo, pp. 38.
1812. FOSSATI, G. Sulla natura degli Acidi Muriatici. Genova, 8vo. *Bibl. Manchester Med. Soc.*
1815. COUPER, J. *De constitutione Acidorum Muriatici et Oxymuriatici. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1824. ROBINSON, T. W. *De Acido Muriatico et Chlorino. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1834. KÖCHLIN, J. R. Hydrochloric Acid as a Medicine. See "Acids," Part I.
1859. GERVENT, E. A. *Du traitement de l'Angine Couenneuse par l'Acide Chlorhydrique. Strasbourg, 4to, pp. 36.
1866. CAILLEUX, A. *De la Métrite granuleuse du col utérin et d'un nouveau mode de traitement par l'Acide Chlorhydrique et le Sousnitrate de Bismuth. Paris, 4to.

HYDROCOTARNIN.

1872. FALCK, F. A. *Toxikologische Studien über die Hydrocotarnin. Marburg, 4to, pp. 22.

The action of this opium alkaloid, discovered by Otto Hesse, is made the subject of investigation by Dr. Falck. Compared with theba, codeia and morphia, it appears that theba is a more active poison than codeia, codeia more active than hydrocotarnin, and this again more active than morphia. Falck's researches, so far as they go, have been apparently carefully con-

ducted, but a more thorough inquiry into the physiological history of the drug is desirable.—*Dr. D. Ferrier in London Med. Record*, April 9th, 1873, p. 218, where a short abstract of Falck's observations will be found.

HYDROCOTYLE ASIATICA, Linn.

1853. LÉPINE, J. J. De l'Hydrocotyle Asiatica, *Linn.*

Pondichéry, Imprim. du Gouvernement, 8vo, pp. 86.

In this brochure M. Lépine first brought prominently to notice the use of this plant in the treatment of leprosy; he does not appear, however, to have been the discoverer of its virtues, such as they are; this rightfully belongs to the late Dr. Boileau, of the Mauritius, who was himself a sufferer from leprosy, and used it with great benefit in his own case. See *Bouton's Med. Plants of Mauritius*, p. 74. Further observations on its use were published by M. Lépine in *Moniteur des Établissements Français dans l'Inde*, August 5th and August 26th, 1853, and *Revue Coloniale*, 1854, t. xii, p. 329.

1855. HUNTER, A. Report upon the Hydrocotyle Asiatica. (Ex. in *Madras Med. Reports*, 1855, p. 356–376.)

A very able report on the botanical, chemical, and medical history of hydrocotyle. It embraces an account of Dr. Hunter's trials with it in the Leper Hospital and Native Infirmary at Madras, from which it is evident that though it has no claims to the consideration as a specific in leprosy, yet that as an alterative tonic it often proves most useful in ameliorating the symptoms and improving the general health. It was, however, found peculiarly efficacious in the treatment of syphilitic and scrofulous ulcerations. The report concludes with some interesting tabular statements.

1856. SÉNARD, C. A. V. Note sur l'Hydrocotyle Asiatique : observation d'un cas mortel de lèpre tuberculeuse. (Ex. in *L'Union Médicale*, 1856, p. 173.)

1857. AUDOIT, E. Études pathogénétiques et thérapeutiques sur l'Hydrocotyle Asiatica. (Ex. *Journ. de la Soc. Gallic. de Méd. Homœopathique.*) Paris, 8vo, pp. 116.

Considering the periodical in which this essay originally appeared and the general tone of the author's writings, the presumption is that it is homœopathic in its character and teaching.

1859. LECOQ, J. Coup d'œil sur la valeur thérapeutique de l'Hydrocotyle Asiatica dans le traitement de la Lèpre et de quelques Affections graves de la Peau. (Ex. in *Bull. Gén. de Thérap.*, 1859, t. lv, p. 529.)

1861. [Anon.] Observations et remarques nouvelles sur l'action thérapeutique de l'Hydrocotyle Asiatica. Paris, 8vo, pp. 24.

ACIDUM HYDROCYANICUM.

Prussic Acid, Hydrocyanic Acid.

1804. GRINDEL, D. H. Versuch über die Natur der Blausäure.

Riga, 8vo, pp. 61.

1805. EMMERT, C. F. *Diss. de venenatis Acidi Borussici in animalia effectibus. Tübingen, 8vo.

Contains numerous experiments and original facts.—*Lonsdale.*

1808. COULLON, J. J. A. **Considérations médicales sur l'Acide Prussique déduites d'une suite d'expériences, &c.* Paris, 4to.
 Coullon was amongst the first in France who observed the effects of hydrocyanic acid on vegetables.—*Lonsdale*.
1810. ITTNER, F. *Beiträge zur Geschichte der Blausäure, &c.* Freiburg, 8vo.
1813. WEICHT, G. **Essai sur l'Acide Prussique considéré sous le rapport de la chimie et de la thérapeutique.* Strasbourg, 4to.
 In this essay M. Weicht furnishes an analysis of what had previously been done by others with regard to this agent.—*Lonsdale*.
1815. GUY-LUSSAC, —. *Recherches sur l'Acide Prussique.* Paris, 8vo.
1815. GAZAN, F. E. **Essai sur les effets que l'Acide Prussique et les substances qu'il contiennent exercent sur l'économie animale.* Paris, 4to, pp. 32.
1816. CALLIES, —. **Essai sur l'Acide Prussique considéré dans son action délétère sur l'économie animale.* Paris, 4to.
1818. MANZONI, F. A. *De præcipuis Acidi Prussici et aquæ cohabitata Lauro-cerasi, medicis facultatibus et clinicis observationibus comprobatis, specimen.* Patavii, 8vo. *Bibl. Edin. Med. Soc.*
1818. SEIDEL, J. J. **Acidi Hydrocyanici ejusque indolis venenatæ specimen historicum.* Vratislavia, 4to.
1819. COULLON, J. J. A. *Recherches et Considérations médicales sur l'Acide Hydro-cyanique, son radical, ses composés et ses antidotes, &c.* Paris, 8vo, pp. 283.
1819. MAGENDIE, F. *Recherches physiologiques et cliniques sur l'emploi de l'Acide Prussique ou Hydrocyanique dans le traitement des Maladies de Poitrine et particulièrement dans celui de la Phthisie pulmonaire, &c.* Paris, 8vo, pp. 80. Dutch transl. by H. J. Schouten, Amst. 1820, 8vo. *Bibl. Med.-Chir. Soc.*
 This memoir relates chiefly to the employment of prussic acid in pulmonary complaints, and some cases are detailed illustrative of its beneficial effects in spasmodic and distressing coughs. The author likewise mentions two cases of phthisis apparently arrested by this remedy, but the true nature of these cases was very doubtful.—*Quart. Journ. Foreign Med.*, ii, 1819-20, p. 188.
1819. GRANVILLE, A. B. *Observations on the internal use of Hydrocyanic Acid in Pulmonary Complaints, chronic catarrhs, spasmodic coughs, asthma, hooping cough, and some other diseases.* Second ed., 1820. German transl. by L. Cerutti, Leipzig, 1820. London, 8vo, pp. 82. *Bibl. Med.-Chir. Soc.*
 Contains a highly coloured picture of the virtues of hydrocyanic acid, which is recommended indiscriminately in a large number of cases of the most opposite nature and character. No less than 100 pages are devoted to phthisis, which the author seems to think curable even in the advanced stages by the use of hydrocyanic acid! The language employed is so highly figurative as to be wholly inapplicable to the purposes of a scientific paper. See *Lonsdale infra*, and *Edinb. Med. Surg. Journ.*, July, 1824, p. 204.
1820. LIGNAC, —. **Sur l'usage de l'Acide Prussique ou Hydrocyanique.* Paris, 4to.

1820. ELLIOTSON, J. Cases illustrative of the efficacy of Hydrocyanic or Prussic Acid in Affections of the Stomach, with a report on its powers in pectoral and other diseases, &c.
London, 8vo. *Bibl. Med.-Chir. Soc.*

An accumulation of very valuable facts with reference to the action of this remedy in various forms of dyspepsia drawn from personal observation. Dr. Elliotson has the merit of having ascertained and defined by a chain of judicious experiments the more important medicinal qualities of prussic acid.—*Med.-Chir. Rev.*, March, 1821, p. 655-664.

1820. ROCH, E. Ueber die Anwendung der Blausäure als Heilmittel in verschiedenen Krankheiten besonders in der Lungenschwindsucht, krampfhaften Engbrüstigkeit und in dem Keichhusten. Leipzig, 8vo, pp. xxxii, 128. *Bibl. Manchester Med. Soc.*
1821. ELWERT, W. Die Blausäure, das wirksamste Heilmittel in Lungenbeschwerden und einigen nervösen Krankheiten, &c.
Hildesheim, 8vo, pp. 126.

1822. HUFELAND, C. W. Vorschlag, statt der Blausäure das destillierte Wasser der bittern Mandeln zum med. Gebrauch anzuwenden, nebst Berichten über Versuche über Oleum essent. Laurocerasi.
Berlin, 8vo.

1822. DITTMER, L. F. *De vera Acidi Hydrocyanici in organismum efficacia. Berol. 8vo, pp. 49. *Bibl. Coll. Phys. Edin.*

1823. BECKER, C. J. T. *De Acidi Hydrocyanici vi perniciosa in plantas.
Jenæ, 4to, pp. 23.

1823. MEUNIER, A. *Doit-on employer l'Acide Hydrocyanique dans quelques affections de poitrine?
Paris, 4to.

1823. SCHOLZ, F. *De Acidi Hydrocyanici natura et usu.
Berol. 8vo, pp. 44.

1823. HELLER, H. L. Sur l'emploi de l'Acide Hydrocyanique, particulièrement dans les Maladies Nerveuses. Paris, 8vo, pp. 52.

1823. PIERQUIN, C. C. Consultation médico-légale sur deux empoisonnements par l'Acide Prussique. Marseille, 8vo.

1824. HELLER, H. L. De la nécessité de ne point trop insister sur l'usage des excitans dans l'empoisonnement par l'Acide Hydrocyanique.
Paris, 8vo.

1824. LASSAIGNE, J. L. Recherches chimiques sur les moyens de reconnaître la présence de l'Oxide Hydrocyanique chez les animaux empoisonnés par cette substance. Paris, 8vo, pp. 20.

1825. KALLMANN, H. F. A. *De Acidi Borussici usu in Spasmis ex perversa systematis sexualis functione ortis.
Berol. 8vo, pp. 42.

1825. GUÉRIN, H. Des Irritations Encéphaliques et Rachidiennes ...et de l'emploi dans ces maladies de l'Acide Hydrocyanique, &c.
Paris, 8vo, pp. 65.

1825. WARD, H. Observations on Tetanus, illustrated by cases in which a new and successful mode of treatment has been adopted.
Gloucester, 4to, pp. 22.

Hydrocyanic acid in large and repeated doses is the new and successful

mode of treatment advocated by this author, but as he administered stimulants liberally at the same time it is difficult to determine how far the acid produced any of the beneficial effects attributed to it, *e.g.* in one case, in addition to fifty-two drops of hydrocyanic acid taken during one night, the patient drank four bottles of port and a pint and a half of brandy!!—*Edin. Med. Surg. Journal*, xxv, April, 1826, p. 258.

1825. LODIN, C. G. *De Acido Hydrocyanico. Præs. C. Thunberg. Upsalæ, 4to.
1827. BAERENS, B. F. De virtutibus Acidi Hydrocyanici, &c. Riga, 4to.
1827. GOEPPERT, H. R. De Acidi Hydrocyanici vi in plantas commentatio. Vratislaviæ, 8vo. *Bibl. Linn. Soc.*
1827. LIEBINGER, S. *De Acidi Hydrocyanici usu interno. Berol. 8vo, pp. 40.
1827. WINDEMUTH, A. *Diss. chemico-medica de Acido Hydrocyanico. Marburgi, 8vo, pp. 64.
1829. ANDRIESSEN, H. *De veneficii Acido Hydrocyanico inducti signis et remediis. Berol. 8vo, pp. 33.
1835. ROHLAND, R. J. Diss. medica de Acidi Hydrocyanici natura et vi. Dorpati, 8vo.
1838. LONSDALE, H. *An Experimental Inquiry into the physiological action of the Hydrocyanic Acid, with an examination of its therapeutical properties; and observations on the mode of treatment in cases of poisoning with this substance. Edin. 8vo.

The substance, if not the letter, of this thesis is reproduced in a paper by the author in the fifty-first volume of the *Edinburgh Med. Surg. Journal*, p. 39—69. It is a comprehensive and instructive memoir, containing in addition to a large mass of facts derived from trustworthy sources (English and foreign), some carefully conducted original experiments on animals tending to throw light on the operation of hydrocyanic acid as a medicine and as a poison.

1838. ROE, G. HAMILTON. Treatise on Hooping Cough. London, 8vo. *Bibl. Med.-Chir. Soc.*

The author informs us that his principal motive in undertaking this work is to put in a just light the merits of hydrocyanic acid as a remedy in hooping cough, especially in its simple uncomplicated forms. Several cases are adduced illustrative of the efficacy and safety of the treatment.

1840. BECQUEREL, A. Les effets physiologiques et thérapeutiques de l'Acide Hydrocyanique. (Ex. in *Gazette Médicale de Paris*, 1840, pp. 1, 17, 39.)
1843. BONJEAU, J. Faits chimiques, toxicologiques, et considérations médicales relatives à l'empoisonnement par l'Acide Prussique. Lyon, 8vo.
1843. TURNBULL, A. Treatment of Diseases of the Eye by means of Prussic Acid Vapour and other medicinal agents. London, 8vo, pp. 89. *Bibl. Manchester Med.-Soc.*
- A strong condemnatory review in *Brit. and For. Med. Rev.*, April 1, 1843.
1844. CREAZZO, G. *Diss. d Acido Hydrocyanico. Patavii, 8vo, pp. 24.

1845. FRATTINI, R. *De Acido Hydrocyanico officinali.
Patavii, 8vo, pp. 24.
1847. NUNNELEY, T. Experimental Inquiry into the effects of Hydrocyanic Acid produced upon animal life. (Ex. in *Trans. Provincial Med. Surg. Assoc.*, new ser., vol. iii, 1847, and in *Edin. Med. Surg. Journ.*, vol. lxxiii, January, 1850, p. 132-160.)
A very interesting memoir, containing much original matter.
1857. HENRY, O., et HUMBERT, E. Recherches chimiques et médico-légales sur l'Acide Cyanhydrique et ses composés employés dans les arts, &c.
Paris, 8vo, pp. 40.
1859. KIEDROWSKI, T. E. VON. Diss. de quibusdam experimentis quibus quantam vim habeat Acidum Hydrocyanicum in nervorum systema cerebro-spinalis, atque in musculos systematis vertebralis probatur.
Vratislaviæ, 8vo, pp. 26.
1865. RALPH, T. S. Observations and experiments with the Microscope on the effects of Prussic Acid on the animal economy.
Melbourne, 8vo. *Bibl. Med.-Chir. Soc.*
1868. LECORCHÉ et MEURIOT, MM. Étude physiologique et thérapeutique sur l'Acide Cyanhydrique.
Paris, 8vo, pp. 24.
1868. SCHMID, G. Das Choleragift eine Cyanverbindung: bald Blausäure, meist Cyanammonium. Mit Bezugnahme auf Disinfection und Therapie.
Leipzig, 8vo.
1868. PICARD, H. De l'Acide Cyanhydrique.
Paris, 4to.
1868. PREYER, W. Die Blausäure physiologisch untersucht.
1 Thl. Bonn, 8vo, pp. 107. 2 Thl. Bonn, 1870, 8vo, pp. 175.
(An abridged English translation is given in *Glasgow Med. Journ.*, 1868, vol. i, n. s., p. 70-81, and February, 1870, p. 229-239.)
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
- M. Preyer had, previous to issuing this important treatise, published two very valuable papers—one on the effects of hydrocyanic acid and cyanide of potassium on the colouring matter of the blood, and another on the poisonous action of these drugs—which are appended to the present treatise. In the second of these papers (published originally in *Virchow's Archiv*) he brought forward a large mass of evidence to show that prussic acid poisons by removing oxygen from the blood, and, further, that artificial respiration immediately applied, is the best remedy for prussic acid poisoning. In the present treatise the subject is worked out in much greater extent and completeness. It contains a bibliography arranged in chronological order. See, further, *Practitioner*, August, 1868, p. 105. An experimental criticism on this work by Drs. Boehm and Knie is published in *Archiv f. Experimentelle Pathol. und Pharmacol.*, April 17th, 1874. A translation of this, described as "a paper of great practical interest and importance," is given in *Practitioner*, September, 1874, p. 168 *et seq.*
1873. PETIT, A. Conservation et dosage de l'Acide Cyanhydrique, Chlorhydrate de Narcéine, &c.
Paris, 8vo, pp. 24.
1874. HORN, F. H. Die Cholera ist eine Blausäure-Vergiftung, &c.
München, 8vo.

HYOSCYAMUS NIGER, Linn., et HYOSCYAMINE.

Henbane.

1715. SLEVOGT, J. H. Invitatio ad diss. de Hyosecyamo, cum pro-
lusione de virtute Hyosecyami cathartica. Jenæ, 4to.
Bibl. Linn. Soc.
- Exemplo alvi a semine et ab oleo hyosecyami motæ.—Haller, *Bibl. Bot.*, ii,
p. 29.
1715. WEDEL, G. W. *De Hyosecyamo. Resp. W. Ekhard.
Jenæ, 4to, pp. 68. *Bibl. Banks; Linn. Soc.*
- De vario usu, etiam interno, seminis totiusve plantæ. Spiritum foliorum
acidum esse absque vi narcotica.—Haller, *Bibl. Bot.*, i, p. 559.
1745. ROSEN, N. Prog. de symptomatibus ex usu Hyosecyami in
puero visis. Upsalæ, 4to.
1762. STÖRCK, BARON A. Libellus quo demonstratur Stramonium,
Hyoseyamum et Aconitum tuto posse exhiberi usu interno, &c.
Vide "Aconitum Napellus," 1762. Vindobonæ, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
- Extracti stramonii granum tolerari potest: eo delirium, maniam, epilep-
siam superavit. Hyosecyami extractum ad novem in diem grana dedit, ac in
similibus morbis, etiam in hæmorrhagia, reperit proficere.—Haller, *Bibl.*
Bot., ii, p. 492.
1777. SPALOWSKY, J. De Cicuto...Hyosecyamo, &c. Vindob. 8vo.
Vide "Conium," 1777. *Bibl. Med.-Chir. Soc.*
- A brief description of the henbane plant, its properties and uses, occupy-
ing less than three pages (p. 33-35). As an anodyne it is recommended in
irritable states of the system, coughs, convulsions, palpitations, hysteria, &c.
1780. RAZOUX, J. Diss. de Cicuta, Stramonio, Hyosecyamo, et
Aconito. Nîmes, 8vo, pp. 46.
- 1786 (?) BARTON, B. S. (*of Philadelphia*). Dissertation on the
nature and properties of Hyosecyamus niger, Linn. Loc. ?
- Obtained the Edinburgh Harveian Society medal for the year 1787. "It
affords indisputable evidence of the judgment, industry, and ingenuity of
its author."—*Duncan's Med. Commentaries*, xii, 1787, p. 400. Notwith-
standing this notice in Duncan's 'Commentaries,' I can find no mention of
this dissertation elsewhere.
1795. DAVIDSON, W. *Vide* "Rosa," 1795.
1797. STOKAR DE NEUFORN, G. H. *De Hyosecyami nigri virtu-
tibus medicis. Præsid. C. F. Harless? Erlangæ, 8vo, pp. 72.
Bibl. Roy.
1803. HIMLEY, C. De la paralysie de l'Iris par une application
locale de la Jusquiame; traduit par E. H. Elhers. 2me. éd.
Altona, 12mo. *Bibl. Med.-Chir. Soc.*
1818. SCHUEPBACH, F. A. D. *Von dem therapeutischen Gebrauche
des Bilsenkrautes. Würzburg, 8vo, pp. 60.
1818. KUBÁNYI, A. *De Hyosecyamo nigro. Pestini, 8vo, pp. 25.
1819. RUNGE, F. F. *Vide* "Atropa Belladonna."

1821. ERNE, J. C. *De Hyoscyamo nigro. Præs. F. G. Gmelin. Tübingen, 8vo, pp. 36.
1822. RE, F. COUNT. Lettera sue semi del Giusquiamo. (Ex. in *Repert. Med.-Chir. di Torino*, No. xxii.) Torino, 8vo, pp. 6.
1826. HUEBNER, G. F. *Diss. de Hyoscyamo nigro. Berol. 8vo, pp. 31. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*
1826. BELL, B. On the use of Camphor and Hyoscyamus in Gonorrhœa, &c. See "Camphor." Edinburgh, 8vo.
1833. MORRIES, J. D. Observations on the chemical and physiological properties of the Empyreumatic Oils of Foxglove, Henbane, and Tobacco. (Ex. in *Edin. Med. Surg. Journ.*, xxxix, 1833, p. 377-384.
1859. GALLAVARDIN, —. Du Strabisme chronique. Strabisme de l'œil ayant duré huit ans (1841-50) guéri par la Jusquiame. Paris, 8vo, pp. 24.
1868. CLUR, E. M. De l'Hyoscyamine. Corbeil, 8vo, pp. 35.
1869. FRONMULLER, D. Observations on Hyoscyamus. *Vide* "Narcotics," 1869.
1869. HARLEY, J. The old Vegetable Neurotics, Hemlock, Opium, Belladonna, and Henbane, their physiological action and therapeutical use, alone and in combination. London, 8vo, pp. 355.
Dr. Harley's observations on henbane and its alkaloid hyoscyamia, like those on the other old vegetable neurotics, have an important bearing on practical therapeutics. The remarks, especially with regard to its combination with opium, are practically important and deserve careful study. See also "Neurotics," 1869.
1870. LAURENT, C. *De l'Hyoscyamine et de la Daturine. Étude physiologique. Applications thérapeutiques. Paris, 4to. *Bibl. Med.-Chir. Soc.*
1872. CAMPBELL, J. A. On the relative efficacy of Tincture of Hyoscyamus, Bromide of Potassium, and Chloral, in single doses, in Maniacal Excitement. (Reprint from *Journ. of Mental Science*, 1872.)
A series of experiments conducted in an exact and scientific manner in order to ascertain the comparative value of chloral, hyoscyamus and bromide of potassium on the excitement or insomnia of mania.—*Edin. Med. Journ.*, August, 1872, p. 173.
1873. OULMONT, —. De l'Hyoscyamine, et de son action dans les Névroses Spasmodiques et Convulsives (tremblement mercuriel, tétanos, &c.). Paris, 8vo, pp. 20.
For an abstract of Dr. Oulmont's observations see *Brit. and For. Med.-Chir. Rev.*, October, 1873, p. 495-6, and *Practitioner*, January, 1873, p. 1-10. In the latter is an abridged translation of Dr. Oulmont's paper as it appeared originally in *Bull. de Thérapeutique*, December, 1872.
1873. HELLMANN, M. Beiträge zur Kenntniss der physiologischen Wirkungen des Hyoscyamins, und der Spaltungsproducte des Hyoscyamins und des Atropins. Jena, 8vo, pp. 40.

1873. PILLOT, C. E. *De l'Hyoscyamine et de son emploi contre divers Tremblements. Paris, 4to.
1875. OULMONT, —. Du traitement de la Chorée par l'Hyoscyamine. Paris, 8vo, pp. 15.
1875. SIMONWITSCH, R. Über Hyoscyamin in der Augenheilkunde. Bern, 8vo.

HYPERICUM PERFORATUM, Linn.

St. John's Wort. (Fuga Dæmonum, Antiq.)

1714. EYSEL, J. P. *De Fuga Dæmonum. Resp. S. Lange. Erfordiae, 4to, pp. 24. *Bibl. Banks.*
1716. WEDEL, G. W. *De Hyperico, alias Fuga Dæmonum. Resp. F. Houck. Jenæ, 4to, pp. 51. *Bibl. Banks.*
- Species hyperici. Vis adversus dæmones; et olei efficacia in morbis renum calculosis.—Haller, *Bibl. Bot.*, i, p. 560.
1776. HELLENIUS, C. N. *Hypericum: dissertatio botanico-medica. Præs. C. Linnæus. Upsalæ, 4to, pp. 14, tab. i. Ibid. in *Amæn. Acad.*, viii, p. 318. *Bibl. Banks.*
- An enumeration of the then known species of *Hypericum*, followed by an account of the medical properties and uses of *H. perforatum*. It is specially noticed in its characters of resolvent, vulnerary, antihæctic, and anthelmintic.
1781. (Anon [BIRKHOLZ, A. M.]). Das Johanniskraut, chemisch-medicinisch abgehandelt von Antropo-Mago-Botanophilo. Leipzig, 8vo, pp. 76.

HYRACEUM.

1851. FIKENTSCHER, L. *Das Hyraceum in historischer, chemischer, pharmaceutischer und therapeutischer Beziehung. Erlangen, 8vo.

The name Hyraceum was applied in 1847 by Dr. E. Martiny to an excrementitious product of *Hyrax Capensis* or Cape badger, proposed as a substitute for castoreum, being, it was alleged, equally efficacious as an antispasmodic and far less costly. Experience has not confirmed the favourable description of it as given by Fikentscher in the above essay. See *Pereira, Mat. Med.*, vol. ii, part ii, p. 827 *et seq.*, which contains an exhaustive account of this article.

HYSSOPUS OFFICINALIS, Linn.

Hyssop.

1692. WEDEL, G. W. *Programma de Hyssopo. Jenæ, 4to. *Bibl. Roy.*

ICTHYOCOLLA. ISINGLASS. Vide "GELATINE."

ILEX AQUIFOLIUM, Linn.

The Holly.

1789. BANDELOW, A. D. Foliorum Ilicis Aquifolii analysis et virtutes medicæ. Halæ, 8vo, pp. 30. *Bibl. Roy.*
1831. ROUSSEAU, L. F. E. De l'efficacité des feuilles du Houx

(Ilex aquifolium) et de l'Ilicine dans le traitement des Fièvres Intermittentes. Paris, 8vo, pp. 115, tab. i. (Ex. in *Mém. de l'Acad. Royale de Méd.*, iii, p. 334.) *Bibl. Coll. Surg. Lond.*

An abridged English translation by G. Clendinning of this interesting essay is published in the *Trans. of the Med.-Bot. Soc. of London*, 1832-3, p. 1-16. To it was awarded by that society the silver medal of the session 1832. After passing in review the botanical, physical and chemical history of the holly, the author supplies an analysis of seventy-eight cases of intermittent fever in which it was employed, and the general conclusion arrived at is—"that the powder of holly leaves is, in the cure of disease, a valuable medicine, and that nature seems to have designed it especially for that unhappy class of patients which fortune often permits not to consult a physician and still more frequently prevents from purchasing the medicines he prescribes."

1833. CHOMEL, A. F. Observations relatives à l'emploi de la poudre des feuilles de Houx dans le traitement de Fièvres Intermittentes. (Ex. in *Mém. de l'Acad. Royale de Méd.*, iii, p. 334.)

ILLICIIUM ANISATUM, Linn.

Star Anise.

1763. GMELIN, S. T. De analepticis quibusdam nobilioribus a Cinnamonomo, Aniso stello, &c. *Tubingæ*, 8vo. *Bibl. Med. Soc. Lond.*
1777. JEANNET des LONGROIS, J. B. C. An nebuloso tempore seminis Badiani usus? Affirm. Præs. A. Casamajor. Paris, 4to.
1837. HOFFMANN, J. Die Angaben chinesischer und japanischer Naturgeschichten von dem Illicium Religiosum und dem davon verschiedenen Stern-anis des Handels. *Leiden*, 8vo, pp. 16.
1837. SIEBOLD, P. F. VON. Erwiederung auf W. H. de Vriese's Abhandlung: Mit Bezug auf die von J. Hoffmann, mitgetheilten Angaben, &c. (*antè*). *Leiden*, 8vo, pp. 19.

INDIGO.

As a Medicine.

1834. ROTH, F. K. De Indico, medicamine. *Berlin*, 8vo, pp. 32.

For an interesting account of Dr. Roth's observations on the use of indigo in the treatment of epilepsy and other spasmodic affections see *Brit. and For. Med. Review*, July, 1836, p. 244. Its use seemed to be limited to idiopathic cases of recent origin, and then only if given in large and continued doses, of an ounce or more daily. The experiments were made with the Guatemala indigo of commerce, the produce of *Indigofera disperma* or *I. argentea* of Linnæus.

1836. DERCKS, T. De pigmento Indico, ejusque effectibus in organismo. *Dorpati*, 8vo, pp. 47.
1837. SAINT-HILAIRE, A. DE. Histoire de l'Indigo, depuis l'origine des temps historiques jusqu'à l'année 1833. (Ex. in *Annal. des Sci. Nat.*, t. vii, p. 110.) *Orléans*, 8vo, pp. 13.

Historical rather than medical.

INÉE.

1873. POLIALLON et CARVILLE, MM. Étude physiologique sur les effets toxiques de l'Inée, poison des Pahouins (Gabon).
Paris, 8vo, pp. 64.

INULA HELENIIUM, Linn.

Elecampane.

1719. WEDEL, J. A. *Diss. de Helenio. Resp. J. F. Beckius.
Jenæ, 4to, pp. 16. *Bibl. Banks.*
1787. WOLF, J. G. De viribus Inulæ Helenii in Scabie persananda.
Lipsiæ, 4to.
1870. DRAGENDORFF, G. Materialien zu einer Monographie des Inulins.
St. Petersburg, 8vo, pp. 141.

IODIUM et POTASSII IODIDUM.

Iodine and Iodide of Potassium.

1815. GAULTIER DE CLAUDRY, H. F. Recherches sur l'existence de l'Iode dans l'eau de la mer, &c. Paris, 4to.
1820. COINDET, C. W. Découverte d'un nouveau remède (Iode) contre le Goitre. (*Soc. Helvét. des Sci. Nat. de Genève*, Séance July 25, 1820.) Genève, 8vo.

This and two other memoirs on the same subject by this author published in *Bibl. Univ. de Genève*, vol. xvi, are reprinted in *Bayle's Bibl. Thérap.*, i, p. 1 *et seq.* To Coindet is due the credit of introducing the medicinal uses of iodine to the notice of the profession. See next article.

1821. COINDET, C. W. Observations on the remarkable effects of Iodine in Bronchocele and Scrophula. Being a translation from the French of three Memoirs of Dr. Coindet, by Dr. J. R. Johnson.

"Dr. Coindet's short treatise, as translated by Dr. Johnson, of Bristol, consists of three memoirs, in which the history of the introduction of iodine, its several pharmaceutical preparations, its effects in the cure of goitre, and its influence on the economy in general, are clearly and correctly related. It is the most original and perhaps the fairest and most perspicuous statement of the virtues of the remedy."—*Edin. Med. Surg. Journ.*, xxii, July, 1824, p. 212.

1822. BRERA, V. L. Saggio Clinico sull' Iodio e sulle differenti sue combinazioni farmaceutiche, giusta i risultamenti che se ne sono ottenuti nell' Istituto Clinico-Medico dell' Università di Padova. Padova, 8vo, pp. 106. *Bibl. Coll. Phys. Edin.*

The work of Prof. Brera is part of the report of his practice in the Clinical Institute of Padua for 1820-21. The author not only gives an account of the different cases in which iodine was tried but has added a good history of its nature and properties, its various preparations, and formulæ for its administration. It is at once a comprehensive, elaborate and scientific account of iodine.—*Edinburgh Med. Surg. Journ.*, xxii, July, 1824, p. 212. See also an abstract of its contents in *Med.-Chir. Rev.*, March, 1823, p. 761 *et seq.*

1823. STARCK, J. B. *De Iodio. Lugd. Bat. 8vo, pp. 64. *Bibl. Roy.*

1823. FRAHAN, P. *De Iodii natura et usu medico.*
Dorpat. Livon. 8vo, pp. 41.
1823. FUNK, G. R. **De Iodino.* Lipsiæ, 8vo, pp. 40.
1824. MOLITOR, V. J. *Abhandlung über das Jodin, &c.*
Cöln, 12mo, pp. 82.
1824. GAIRDNER, W. *Essay on the effects of Iodine on the human constitution, with practical observations on its use in the cure of Bronchocele, Scrofula and tuberculous diseases of the chest and abdomen.* London, 8vo, pp. 64. *Bibl. Med.-Chir. Soc.*
- Gairdner conceives that, while the virtues of iodine have been panegyricized by all, its evils have been studiously concealed, and under this impression he has undertaken the task of delineating the horrors of *iodization*, and of execrating with becoming severity the rashness and ignorance of those men who will administer a powerful and dangerous remedy without watching its effects. To this there can be no rational objection, but when Dr. Gairdner monopolises, as he appears to do, the prescription of iodine we should fear that many would be disposed to regard the publication of this small treatise as little else than a civil hint to the public that as iodine must be given to cure some diseases it is unsafe to trust its administration to the common mass of physicians, and that no other but Dr. Gairdner is qualified to superintend its action on the living body. Perhaps we must admit that it contains one or two little things which some people would do well to know about the administration of iodine.—*Edinburgh Med. Surg. Journ.*, xxii, July 1824, p. 212.
1824. BÉNABEU, M. G. *Sur l'emploi thérapeutique de l'Iode dans plusieurs maladies.* Paris, 8vo.
1825. DÉVERGIE, A. *Mémoire sur l'empoisonnement par l'Hydriodate Potasse, &c.* Paris, 8vo, pp. 25.
1825. MANSON, A. *Medical researches on the effects of Iodine in bronchocele, paralysis, chorea, scrofula, fistula lachrymalis, deafness, dysphagia, white swelling and distortions of the spine.* London, 8vo, pp. 450. *Bibl. Med.-Chir. Soc.*
- This volume contains a considerable number of clinical observations on the use of iodine in the above-named diseases, detailed with great minuteness, in simple and perspicuous language.—*Edin. Med. Surg. Journal*, xxiv, Oct., 1825, p. 397-406, and *Med.-Chir. Rev.*, Jan., 1826, p. 1-19.
1825. BUISSON, E. **Sur l'Iode et sur son usage en médecine, &c.* Paris, 4to.
1825. BELLIOU, J. A. **Sur les avantages de l'Iode dans le traitement de la Dartre Furfuracée.* Paris, 4to.
1825. RIGBY, E. **De Iodino.* Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1826. KÜNZLI, A. G. **Ueber die Iodine.* Winterthur, 8vo, pp. 62.
1827. MENON, J. J. C. **Sur l'Iode et son emploi en médecine.* Paris, 4to.
1827. FORTMAYER, J. **Diss. chem. med. de Iodio.* Budeæ, 8vo, pp. 58.
1827. DOUGLAS, R. **De Iodino.* Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1827. GRAHAM, W. B. C. *De usu medico Iodini. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1828. BAYLE, A. L. J. Sur l'Iode et ses préparations. (In *Bibliothèque de Thérap.*, vol. i, art. i, p. 1-197.) *Bibl. Coll. Surg. Lond.*
An able *résumé* of all that has been written on iodine up to date.
1828. PONSELET, A. *De Iodio. Gand, 4to, pp. 29.
1829. BROCK, G. *Diss. de Iodino. Edin. 8vo.
1829. MURRAY, J. On the influence of Heat and Humidity, with practical observations on the inhalation of Iodine, &c., in Consumption, &c. London, 8vo, pp. 305.
1830. BARDSLEY, J. L. Hospital Facts and Observations... on Iodine, &c. London, 8vo.
Bibl. Med.-Chir. Soc.
1830. HOBSON, S. J. An Essay on the history, preparation and therapeutic uses of Iodine. Philadelphia, 8vo.
Bibl. Coll. Surg. Lond.
- 1829-31. LUGOL, J. G. A. Mémoires: 1er. Sur l'emploi de l'Iode dans les Maladies Scrofuleuses (Paris 1829); 2me. Sur l'emploi des bains Iodurés (1830); 3me. Sur l'emploi de l'Iode dans les maladies scrofuleuses (1831). Paris, 8vo. German transl. Leipzig, 1836, 8vo.
Bibl. Coll. Surg. Lond.
1831. LUGOL, J. G. A. Essays on the effects of Iodine in Scrofulous Diseases, including an inquiry into the mode of preparing Ioduretted Baths. Translated from the French by Sir W. Brooke O'Shaughnessy. With an appendix by the translator containing a Summary of cases treated with Iodine, either simple or combined with opium, mercury or lead, and directions for preparing the Iodurets of these metals, and for detecting the adulterations of Iodine and the Hydriodate of Potash. London, 8vo, pp. 218.
Bibl. Med.-Chir. Soc.
- This important work is divided into three parts—1. On the treatment of scrofulous diseases by iodine.—2. An inquiry into the effects and mode of employment of ioduretted baths, minute directions being given for their preparation, &c.—3. A continuation of Part I, on the use of iodine in scrofulous diseases, illustrated by cases of scrofulous tumours and tubercles, abscesses, fistulous openings, ulcers, and cicatrices, skin diseases, glandular swellings, scrofulous ophthalmia, white swelling and other scrofulous affections of the joints and bones, &c., all more or less benefited by iodine. The value of the original work is greatly enhanced by the information introduced into the appendix by the translator.
- "A most valuable monograph, being entirely practical and founded on accurate as well as authentic clinical observations and experiments. The translation is singularly faithful."—*Med.-Chir. Rev.*, Oct., 1832, p. 109-130.
1832. MÜLLER, J. F. *Über die arzeneiliche Wirkung und Anwendung der Iodine. Würzburg, 8vo, pp. 56.
1832. ALDIS, C. J. B. An inquiry into the medical properties of Iodine, more particularly in Dropsy, &c. Partly translated from the Latin of T. L. C. Schroeder van der Kolk. London, 8vo, pp. 32.
Bibl. Coll. Phys. Edin.

1832. KURTZ, P. T. E. Ueber die Anwendung der Iodine in den skrophulösen Krankheiten, &c. Berlin, 8vo.
1832. ANDERSON, H. S. *De Iodino. Edin. 8vo.
Bibl. Manchester Med. Soc.
1833. SALOMON, H. *De Iodini usu externo. Berol. 8vo, pp. 42.
1833. HILBECK, F. A. De Iodio. Berol. 8vo.
Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.
1833. ULDALL, F. A. *De effectibus Iodii in organismum humanum usque ejus medico. Havniæ, 8vo, pp. 78.

A tolerably full exposition of the properties and virtues of iodine, drawn from all sources; it is without any claims to originality, the author seldom, if ever, referring to his own experience either to confirm or correct the statement of others.—*American Journ. Med. Sci.*, xvi, 1835, p. 173.

1834. SCUDAMORE, Sir C. Cases illustrating the remedial power of the inhalation of Iodine and Conium in Tubercular Phthisis and various disordered states of the lungs and air-passages. Second ed. London, 8vo, pp. 227.
Bibl. Med.-Chir. Soc.

This, although professing to be a second edition of the treatise published by the same author in 1830 (see "Inhalation," Part i), is in reality a distinct work, containing a series of eleven new cases, in addition to the fifteen given in the earlier volume. They all tend, however, to the same conclusion—that many morbid states of the lungs and air-passages may be cured or at least alleviated by medicated inhalations. His cases of tubercular phthisis "cured" by this means should be received with reserve.—*Edin. Med. Surg. Journal*, xli, p. 460-464.

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The utility of iodine as an external remedy is prefaced by some judicious remarks on its therapeutic properties and on the best mode of applying it in the following morbid states—erysipelas, phlegmon or abscess, sloughing, acute inflammation of the joints, inflammation of the breast, gout, enlargement of the joints, carbuncles, lupus or noli me tangere, malignant ulcers of the tongue and tonsils, scrofulous glandular enlargements, whitlow, chilblains; lacerated, contused, and punctured wounds; burns and scalds, and ulcers. The statements respecting the remedy are put forth in a plain, lucid, and straightforward manner, without any desire to exaggerate its effects.—*Brit. and For. Med.-Chir. Rev.*, October, 1839, p. 512.

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description of thirteen varieties, viz. pure iodine, the tincture, amyllum iodatum, the iodides of barium, lead, sodium and potassium, the iodide and biniodide of mercury, the ioduretted syrup of iron, iod-ammonium and the various mineral waters of which this body is an ingredient. Vide *Brit. and For. Med. Rev.*, April, 1845, p. 516, for good analysis of this work.

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To this essay two prizes were awarded, one by the Medical Society of Lyons, the other by the Society of Sciences of Hainault. M. Dorvault, being only a pharmacien, though an able one, feels that an apology is due for meddling with the medical portion of the subject; but in respect to this he contents himself with collating the facts which have hitherto been published, and with additional testimony imparted to him by Lugol, Velpeau, Ricord, Cullerier, &c. This portion of the work has rather too much of the character of a mere eulogium, and would probably have been better executed by a medical practitioner. The other departments of the work, however, leave nothing to be wished for, and constitute a valuable manual of reference on all that relates to the chemical and pharmaceutical history of iodine.—Analytical review in *Brit. and For. Med.-Chir. Rev.*, January, 1851, p. 91-95.

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The author recommends iodoform in powder as a local agent in the treatment of fetid ulcerations, onychia, fistula in ano, &c. He believes it to act beneficially as a local anæsthetic and also as a cicatrizing agent. The experience of Dr. Matthews Duncan, however, does not confirm these views.—*Edin. Med. Journ.*, July, 1874.
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Dr. Izard appears to be an intelligent and candid observer; he claims no more for his favourite remedy than he seems able to justify by his clinical records, and by wisely not attempting to prove too much predisposes his

readers to accept his conclusions, which, indeed, appear to be perfectly well founded.—*Amer. Journ. Med. Sci.*, January, 1873, p. 227.

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The remedy here treated of is ipecacuanha: although its antidysenteric virtues had previously been made known in 1649 by the writings of Piso and Maregraf, it was left to Helvetius, about forty years subsequently, to bring the remedy into public notice in France. This he did in a truly empirical style, keeping his remedy a secret, placarding its virtues on the street walls, &c. So great was his success, the Dauphin of France having been cured by its means, that the French king purchased from Helvetius his secret for 1000 louis-d'or and made it public. See further *Flückiger and Hanbury, Pharmacographia*, p. 332.

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Helcherus. Erfordiæ, 4to, pp. 43. *Bibl. Banks.*

1745. DESBOIS, —. *An Dysenteriæ Ipecacuanha? Paris.

1754. GIANELLA, C. De admirabili Ipecacuanhæ virtute in cur-
andis Febribus tum autumnalibus, tum lentis, tum aliis sive con-
tinuis sive intermittentibus. (In *Haller, Disp. Med. Pract.*, v,
p. 91.) Patavii, 4to, pp. 13. *Bibl. Med.-Chir. Soc.* (Haller).

Radicem in aqua macerat, et multis ex ordine diebus matutinis horis propi-
nat, sic febres longas tollit.—*Haller, op. cit.*, p. 440.

1764. BORRIES, E. H. *De limitandis laudibus Ipecacuanhæ ad cur-
andum Dysenterium. Gryphiæ, 4to.

1772. URQUHART, R. *De Ipecacuanha. Edin. 8vo.
Bibl. Med.-Chir. Soc. ; Coll. Phys. Edin.

1774. WICKMAN, D. *De Viola Ipecacuanha. Præs. C. Linnæus.
(Idem. in *Amœn. Acad.*, viii, p. 237.) Upsaliæ, 4to, pp. 12.
Bibl. Banks ; Med. Soc. Lond.

Mainly occupied with a discussion on the botanical origin of ipecacuanha.
Amongst its medicinal applications is noticed its use "ad purificandas primas
vias" in intermittent fevers previous to the exhibition of cinchona, its
efficacy in menorrhagia (in doses of gr. $\frac{1}{4}$ to $\frac{1}{2}$ every three or four hours), in
the diarrhœa of phthisis, in convulsive coughs, &c., "atque in asthmate præ-
tantissimum est remedium."

1774. MATHEY, A. *De usu Ipecacuanhæ in Dysenteria. Loc.? 4to.
Bibl. Med.-Chir. Soc.

1779. MEYER, C. A. *De exinio Ipecacuanhæ usu. Gottingæ, 4to.
Bibl. Med.-Chir. Soc.

1795. MOELLER, J. C. *Specimen medicum de Ipecacuanha.
Erfordiæ, 4to, pp. 12.

1801. GOMES, B. A. Memoria sobre Ipecacuanha fusca do Brasil,
ou cipó das nossas boticas. Lisboa, 4to.

1804. DE CANDOLLE, A. P. Recherches sur les différentes espèces
de l'Ipecacuanha. (Ex. in *Mém. de la Soc. des Prof. de l'École
de Méd. de Paris*, tom. i, p. 178-194.)

1806. DAUBENTON, L. J. M. Observations on Indigestion, in which
is satisfactorily shown the efficacy of Ipecacuan in relieving this,
as well as its connected train of complaints peculiar to the decline
of life. Translated from the French by Dr. Buchan.

London, 1807, 8vo, pp. 24.
Bibl. Med.-Chir. Soc. ; Manch. Med. Soc. (ed. 1809).

The object of this brochure is to point out the utility of small doses of

ipecacuanha in the debility of the stomach and indigestion of old age. The author deduces clear and decisive proofs of the efficacy of the proposed remedy.—*London Med. Phys. Journ.*, xviii, 1806, p. 18.

1812. MÜNZ, M., et RAAB, F. De Cortice Peruviano et Radice Ipecacuanhæ eorumque surrogatis. Landishuti, 8vo, pp. 233.
Bibl. Coll. Surg. Lond. (1810?).

The subject of ipecacuanha substitutes had previously been specially investigated by Coste and Willemet in their '*Matière Médicale Indigène*,' cap. i, and by Loiseleur-Deslongchamps (*Journ. Gén. de Méd.*, xli, 1811). The latter sought for a substitute amongst the roots of the Euphorbiaceæ. See also 1830, *infra*; and Lacipière in Art "Emetics," 1854.

1817. MAGENDIE, F., et PELLETIER, J. Recherches chimiques et physiologiques sur l'Ipecacuanha. (Ex *Journ. Univ. des Sci. Méd.*, iv, p. 222, et *Journ. de Pharm.*, iii, 1817, p. 145.) Paris, 8vo.
Bibl. Med.-Chir. Soc.

1820. RICHARD, A. Histoire naturelle et médicale des différentes espèces d'Ipecacuanha du commerce. Paris, 4to, pp. 72, t. 2.

1823. KLINSMANN, E. F. De Emetino et Cephaeli Ipecacuanha, Psychotria emetica et Richardsonia Brasiliensi.

Berolini, 8vo, pp. 54.

1824. THUNBERG, C. P. *Progr. ii, de Ipecacuanha. Resp. Billberg et Lidstroemer. Upsaliæ, 4to, pp. 38.

1826. HERZOG, F. W. De Ipecacuanha. Lipsiæ, 4to, pp. 34.

1830. BOCK, J. G. De radice Ipecacuanhæ. Jenæ, 4to, pp. 23.

1830. LOISELEUR-DESLONGCHAMPS, J. L. A. Histoire médicale des Succédanés de l'Ipecacuanha, du Séné, du Jalap, de l'Opium, &c., ou observations sur quelques points de matière médicale indigène. Paris, 8vo.
Bibl. Coll. Surg. Lond.

1835. HENKEL, N. De radice Ipecacuanhæ. Monachii, 8vo, pp. 16.

1841. BORKERT, W. De radicis Ipecacuanhæ effectu. Vratislaviæ, 8vo, pp. 30.

1841. TESANEK, J. De radice Ipecacuanhæ. Vindobonæ, 8vo, pp. 28.

1852. DELIOUX DE SAVIGNAC, J. F. J. A. Mémoire sur l'Ipéca. lu à l'Acad. de Méd., le 3 juin, 1851. (Ex *Gazette Méd. de Paris*, 1852, pp. 87, 100, 138, 149.) Paris, 8vo.

1852. PÉCHOLIER, G. Recherches expérimentales sur l'action physiologique de l'Ipecacuanha. Paris, 8vo, pp. 53.

The experiments of M. Pécholier to determine the action of ipecacuanha and emetine on the system are interesting and valuable; they appear to have been conducted with great care. For an account of these and the results obtained, see *Brit. and For. Med.-Chir. Rev.*, October, 1863, p. 436—440.

1866. DÉCUGIS, V. *Considérations sur l'emploi de l'Ipecacuanha en médecine. Montpellier, 4to, pp. 46.

1869. IMBERT-GOUBEYRE, A. Mémoire sur les Ipecacuanha. Paris, 8vo, pp. 111.

1869. LEFORT, J. Mémoire sur les Ipécacuanhas et sur l'Émétime.
Paris, 8vo, pp. 13.

1869. DUCKWORTH, DYCE. *Observations upon the action of Ipecacuanha and its alkaloid Emetia. (Report from *St. Bartholomew's Hosp. Reports*, vol. v.)
London, 8vo.

An interesting paper, in which the author shows amongst other things that emetia hypodermically injected acts successfully as an emetic.

1870. AMOURETTI, E. H. *Histoire médicale de l'Ipécacuanha.
Montpellier, 4to, pp. 49.

1871. LIÉGARD, A. *Étude sur l'Ipécacuanha.
Montpellier, 4to, pp. 48.

1872. DETRAY, A. E. *De l'Ipéca, et de son emploi dans la Dyssenterie.
Paris, 4to.

1874. ORNELLAS, A. E. D'. De l'action physiologique de l'Émétime : contribution à l'étude thérapeutique de l'Ipécacuanha.
Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1874. POLICHRONIE, C. A. *Étude expérimentale sur l'action thérapeutique et physiologique de l'Ipécacuanha et de son alcaloïde.
Paris, 4to. *Ibid.* 8vo, pp. 100.

Contains a series of very interesting researches for the purpose of discovering the mode of action of ipecacuanha and of emetia; they serve to confirm the results arrived at by M. Chouppe. For a summary of his observations see *London Med. Record*, January 27th, 1875, p. 59.

1875. CHOUPPE, H. Recherches thérapeutiques et physiologiques sur l'Ipéca.
Paris, 8vo, pp. 44.

1875. WOODHULL, A. A. Clinical Studies with large non-emetic doses of Ipecacuanha.
Atlanta, U.S., 8vo, pp. 63.

1875. WOODHULL, A. A. Clinical Studies with non-nauseating use of Ipecacuanha, chiefly in Intermittent Fever.
Atlanta, U.S., 8vo, pp. 23.

In the former of these pamphlets the author relates twenty-four cases of dysentery and in the latter twenty-three cases of intermittent fever beneficially treated by ipecacuanha in large non-emetic doses. The substance of both these pamphlets with much additional matter has been published by the author in a separate form, 'Studies chiefly Clinical, in the non-emetic use of Ipecacuanha,' Philadelphia, 1876, 8vo, pp. 155. This work is a valuable contribution to our therapeutic knowledge of ipecacuanha.

IRIS. (Species of.)

1710. HEERING, A. *Diss. de Iride. Præs. J. J. Baier.
Altdorfi, 4to, pp. 20. *Bibl. Banks.*

1782. THUNBERG, C. P. *Iris. Resp. J. Ekman. Upsaliæ, 4to,
pp. 36, tab. 2. *Bibl. Banks.*

1793. SCHULZE, J. H. De vera indole et egregia virtute radicis Iridis Florentinæ.
Halæ, 4to.

Purely pharmacological, judging from a short abstract of the work given by Haller, *Bibl. Botan.*, ii, p. 144.

JABORANDI. Vide "PILOCARPUS PINNATUS."

JALAPÆ RADIX.

Jalap.

1569. DONATI, M. De radice purgante quam Mechioacam (*i. e.* Jalapæ) vocant. Mantuæ, 4to, pp. 24.

Much confusion existed, even to a late period, between mechoacan root and jalap. The former is now known to consist (at least in part) of the large thick tuber of *Ipomæa Jalapa*, *Pursh.*, a plant of the southern United States and Mexico. As a drug it has been long obsolete in Europe, having given place to jalap (the root of *Exogonium Purga*, *Bentham*), which is a more active and efficient purgative. (*Flückiger and Hanbury, Pharmacographia*, p. 398.) For a list of works on Mechoacan root, see that article.

1628. PUTEO, Z. Historia de Gumma Indica, &c.... An Micciocan et Xalapa sint harum regionum Brioniæ, &c. Venetiis, 4to.
Bibl. Med.-Chir. Soc.

1658. FAULIS, J. De viribus Xalapæ quod non sit venenosa, neque hepatis, cordis, ventriculo inimica, neque nimis laxativa. Panorm. 8vo.

1678. SCHMID, J. U. *De Gialapa. Præs. G. W. Wedel. Jenæ, 4to, pp. 40. Ibid. 1715. Jenæ, 4to, pp. 40.
Bibl. Med.-Chir. Soc.; Radcliffe.

1678. SLEVOGT, J. H. *De Jalapa. s. l. 4to.

1691. ANDRADO, J. H. Apologia pharmaceutica pela verdadeira trituração da Jalapa, e dos aromaticos discutientes, &c. Parte i, Lisboa, 4to. Parte ii, 1692.

1700. PAULLINUS, C. F. De Jalapa liber singularis... variisque observationibus memorabilibus conspersus. Francof. ad Mœn. 8vo, pp. 417.
Bibl. Banks; Med. Soc. Lond.

1750. BÜCHNER, A. E. De damnis ex abusu Jalapæ. Resp. Adamus Coi. Halæ, 4to.

1761. SCHALLER, J. P. B. *Jalappa. (In *Wittwer, Delect.* ii, p. 1.) Argentorati, 4to, pp. 27.
Bibl. Banks; Med.-Chir. Soc. (Wittwer), Coll. Surg. Lond.

Brief notice of contents, a comparison between the powers of two kinds of jalap, see in *Haller, Bibl. Bot.*, ii, p. 510.

1771. ULRICH, —. Diss. de hypercatharsi ex resina Jalappæ feliciter curata. Argentorati, 4to.

1805. DESFONTAINES, R. L. Mémoire sur le Jalap. Ex. in *Ann. du Muséum*, 1805.

1817. CADET DE GASSICOURT, C. L. *Dissertation sur le Jalap. Paris, 4to, pp. 84.

1830. LOISELEUR-DESLONGCHAMPS, J. L. A. Histoire Médicale des Succédanés du Jalap, &c. Vide "Ipecacuanha." Paris, 8vo.
Bibl. Coll. Surg. Lond.

1834. PELLETAN, G. Note sur deux espèces de Jalap du commerce. (Ex. *Journ. de Chimie Médicale*, 1834.) Paris, 8vo, pp. 25, tab. 2.

1860. BASTGEN, C. A. De bilis ad Jalapæ et Scammonii resinas vi et effectū. Dorpati, 8vo, pp. 32.

JUGLANS REGIA, Linn.

The Walnut.

1743. BÜCHNER, A. E. De nuce Juglande ejusque usu medico. Erfordiæ, 4to, pp. 38.
1751. FISCHER, J. G. On the anthelmintic property of the expressed juice, &c. *Vide* "Anthelmintics," 1751.
1795. FREDERICH, J. F. Decoctum Pollini, et purificans virtus nucis Juglandis contra Luem Veneream et plures gravioros morbos. Lipsiæ, 8vo, tab. i. German transl. Vienna, 1784, Leipzig, 1810.
1803. GRAEF, J. F. *De cortice nucis Juglandis regiæ. Erlangæ, 8vo, pp. 31.
1841. NEGRIER, G. Sur le traitement des Scrofules par les feuilles de Juglans regia. Paris, 8vo. German transl. by M. J. Kreutzwald, Bonn, 1843, 8vo. Idem by K. J. A. Venus, Eupel, 1843 and 1845, 12mo.

The use of walnut leaves in the form of infusion or extract in the treatment of scrofulous affections was introduced by M. Negrier, who expresses a high opinion of its value. It was found to act most slowly in scrofulous swellings of the glands, but very rapidly on diseased bones or ulcerated surfaces, or in strumous ophthalmia in which a decoction of the leaves employed as a collyrium proved extremely valuable. See *Brit. and For. Med. Rev.*, October, 1841, p. 539, and October, 1845, p. 564.

1842. KREUTZWALD, M. J. De utilitate foliorum Juglandis regiæ ad sanandam Scrophulosin. Bonnæ, 8vo, pp. 22.
1843. MUELLER, K. M. De Juglandis regiæ viribus. Lipsiæ, 8vo, pp. 31.
1845. KOOPMANN, G. N. *Diss medico-chirurgica de virtute medica foliorum Juglandis regiæ in Scrophulosi. Traject. ad Rhen. 8vo.
1857. SALMON, A., et MAUNOURY, —. Mémoire sur l'inoculation de la Pustule maligne...à propos de son traitement par les feuilles fraîches de Noyer. Paris, 8vo, pp. 50.
1858. NÉGRIER, C. Du traitement des affections Scrofuleuses par les préparations de Noyer. Paris, 8vo, pp. 126.

JUNIPERUS COMMUNIS, Linn.

Juniper.

1601. BABST VON ROCHLITZ, M. Juniperetum oder Wachholdergarten. Eiselben, 4to. Alt. ed. 1605, 1675.
1612. CLAUDINUS, J. C. De Ingressu ad Infirmos. Cap. iii: De natura et usu lignorum Guaicini...Juniperini, &c. Bononiæ, 4to.
1650. BECKER, D. Kleine Hausapotheke oder Beschreibung von Hollunder und Wachholder. Königsberg, 8vo. Idem, Leipzig, 1685.

1679. SCHARFFIUS, B. Ἀρκευθολογία sive Juniperi descriptio curiosa, &c. Francofurti et Lipsiæ, 8vo, pp. 380, tab. 5.
Bibl. Med.-Chir. Soc.; Acad. Edin.
 Formulæ plurimæ; descriptio juniperi nulla.—*Haller, Bibl. Bot.*, i, p. 600.
1708. BANG, A. O. De Junipero. Hafniæ, 4to.
1712. CAMERARIUS, R. J. *De Cervariâ nigrâ et Junipero. Resp. G. A. Camerarius. Tübingæ, 4to.
1718. WILHELM, J. G. *Diss. tradens Juniperum. Argentorati, 4to, pp. 43.
Bibl. Banks.
 Varia medicamenta, quæ ex junipero parantur, et usus medicos fusè enumerat.—*Haller, Bibl. Bot.*, ii, p. 120.
1719. KLEIN, J. C. *De Junipero. Præs. J. J. Baier. Altdorfi, 4to, pp. 24.
Bibl. Banks; Acad. Edin.
1727. LUNDMANN, P. *De Junipero, &c. Harderovici, 4to, pp. 16.
1736. BRUCH, F. D. *Diss. sistens observationes quasdam practicas de radici fruticis Juniperi decocto. Argentorati, 4to, pp. 20.
 Ad fœtida ulcera, gonorrhœam malignam, dolores ischiadicos, malignum de utero liquamen, ozænam etiam exemplis adductis.—*Haller, Bibl. Bot.*, ii, p. 292.
1770. KALM, P. Diss. on the properties and uses of Juniper. (In Swedish.) Stockholm, 4to, pp. 16.
Bibl. Banks.
1777. DAIGNAN, —. Sur les effets salutaires de l'eau de Genièvre dans les pays froids, bas et marécageux. St. Omer, 8vo.
1831. WACHTER, F. Heilsamer Gebrauch des Wachholderöls bei Behandlung der Cholera-Kranken, &c. Tirnau, 8vo.
1844. SEMON, J. *De olei Juniperi ætherei vi, experimentis adjectis. Berolini, 8vo, pp. 24.
1856. STEER, F. Analyse der Früchte von Juniperus communis. Wien, 8vo, pp. 8.
1864. DURAND, A. Du Genévrier, ses caractères botaniques, sa composition chimique, son action physiologique: application de l'éthérolé de genièvre au traitement de la gravelle, des calculs vésicaux et biliaires, de la goutte, des rhumatismes et des névralgies. Gray? 8vo, pp. 32.

JUNIPERUS SABINA, Linn.

Savine.

1707. WEDEL, G. W. *Diss. de Sabina. Resp. J. F. Krausold. Jenæ, 4to, pp. 36.
Bibl. Banks; Linn. Soc.
1803. RICHTER, A. G. De Junipero Sabina, ejusque virtute salutari. Wittenbergæ, 4to, pp. 23.
1816. ELIAS, K. P. F. *Analecta ad Sabinæ historiam medico-physicam. Marburgi, 8vo, pp. 28.
1816. ZINKHAN, M. *De Menstruatione, et usu Sabinæ in Hæmorrhagiis Uteri venosis. Marburgi, 8vo, pp. 36.
1818. PÉROT, —. Considérations générales sur les Emmenagogues, et en particulier sur la Sabine, &c. Strasbourg, 4to.

1819. MATTHEI, C. H. *De tincturæ Sabinæ in morbis quibusdam genitalium virilium efficacia observata quædam. Marburgi, 4to, pp. 14.
 1826. VOIGT, F. E. *De Junipero Sabina. Berolini, 8vo, pp. 46.

KALMIA LATIFOLIA, Linn.

Mountain Laurel.

1802. THOMAS, G. G. *Diss. on the Kalmia latifolia and angustifolia. Philadelphia, 8vo.

These American shrubs are said to possess decidedly narcotic properties. The author relates an obstinate case of diarrhœa cured by a decoction of the leaves of *K. latifolia*, but in small doses even it was found to produce vertigo and other unpleasant symptoms. See also *Bigelow's American Med. Bot.*, i, p. 133 *et seq.*

KAMALA.

Rottlera tinctoria, Roxb.

1875. LEMAITRE, M. *Du Kamala (*Rottlera tinctoria*). Action ténifuge du Kamala. Paris, 4to.

This tæniæfuge was introduced to the profession in 1853 by Dr. C. Mackinnon (*Indian Ann. of Med. Sci.*, 1853, vol. i, p. 286), and its value has been established by the researches of Dr. T. Anderson (*Ibid.*, 1856, vol. iii, p. 82), Dr. C. A. Gordon (*Medical Times and Gaz.*, November, 1856, p. 538, and May, 1857, p. 429), Dr. Peacock (*ibid.*, November 6th, 1858), Dr. Ramskill (*Lancet*, 1858, vol. i, p. 476), Dr. Leared (*ibid.*, p. 541) and others. Dr. Anderson (*op. cit.*) enters fully into the history of the drug generally. For much interesting matter on this drug see an excellent paper by the late Daniel Hanbury in *Pharm. Journ.*, xvii, 1858, p. 405.

KINO.

Inspissated Juice of *Pterocarpus Marsupium*, DC.

1757. FOTHERGILL, J. Letter concerning an astringent Gum brought from Africa. (Ex. in *Med. Observations and Enquiries*, i, 1757, p. 358.)

Fothergill's new gum he describes under the name of "Gummi rubrum astringens Gambiense," and it retained this name till 1774, when it was introduced into the *Edinburgh Pharmacopœia* as Gummi Kino, a name derived probably from Kano, the Mandingo name of the tree yielding it.

1794. SCHENCK, C. A. Diss. sistens gummi Kino usum ejusque virtutes. Marburgi, 8vo. *Bibl. Roy.*
 1847. GUIBOUT, N. Mémoire sur les astringents connus sous les noms de Cachou, Gambir, et Kino. Paris, 8vo, pp. 67.

KOUMIS or KOUMYSS.

A vinous liquor obtained by fermentation of mare's milk.

1856. SPENGLER, H. L. Über die Kumiss-kur. Wetzlar, 8vo, pp. 16.
 1869. STAHLBERG, E. Der Kumys, seine physiologischen und therapeutischen Wirkungen. St. Petersburg, 8vo, pp. 70.

1872. BRZEZIN'SKI, J. Der Kumys und dessen Anwendung in der Therapie. Berlin, 8vo, pp. 55.
1873. JOBA, C. Notice sur le Koumys, ou Vin de Lait. Origine historique, préparation, composition, propriétés thérapeutiques, différentes espèces, usage, mode d'emploi. Paris, 8vo, pp. 15.
1874. LANDOWSKI, —. Du Koumys et de son rôle thérapeutique. Paris, 8vo, pp. 48.
1874. BIEL, J. Untersuchungen über den Kumys und den Stoffwechsel während der Kumyskur. Wien, 8vo, pp. 51, tab. lith. 2 in 4to.
1874. DURAND, E. *Sur l'emploi du Koumys dans les Affections Pulmonaires. Paris, 4to.
1874. SABOWSKI-MAKAROW, P. *Du Koumys et de son rôle thérapeutique. Paris, 4to.
1875. BERTET, —. Un mot sur le Koumys et ses applications à la maladie de la Consomption. Bordeaux, 8vo, pp. 16.
1875. LUBANSKI, —. De l'emploi du Koumys dans le traitement des Maladies de Poitrine et des affections consomptives en général. Paris, 12mo, pp. 30.

KHAYA (SWIETENIA) SENEGALENSIS, Juss.

Caïlcédra.

1854. BUISSON, G. E. A. Extrait du rapport médical de M. Buisson, chirurgien major de l'Orénoque (station du Sénégal), sur l'emploi du Caïlcédra comme fébrifuge. (Ex. in *Revue Colon.*, 1854, t. xiii, p. 239, et *Nouv. Annal. de la Marine et des Colon.*, 1854, t. xii, p. 203).
1856. DUVAU, N. M. *De l'écorce de Caïlcédra (Khaya Senegalensis), et de l'emploi de ses préparations comme succédané du quinquina. Paris, 4to.
1856. RULLAND, H. *Du Caïlcédra. Observations sur l'emploi des préparations de son écorce dans le traitement des Fièvres paludéennes. Montpellier, 4to, pp. 30.
1858. SÉNARD, C. A. V. Rapport à M. le ministre de la Marine sur l'écorce de Caïlcédra du Sénégal, et sur la possibilité de son emploi comme fébrifuge dans l'art de guérir, par M. Caventou. (Ex. in *Revue Colon.*, 1858, t. xix, p. 264-271.)

KRAMERIÆ, vel RHATANIÆ RADIX.

Rhatany Root.

1799. RUIZ, H. Disertacion sobre la raiz de la Ratánhia específico singular contra los fluxos de sangre, &c. Madrid, 4to, pp. 47.
1807. PAGEZ, —. Mémoire sur les vertus de la plante connue au Pérou et en Espagne sous le nom de Ratanhia (Krameria trian-

dria, *Linn.*) (Ex. in *Sédillot, Journ. Gén. de Méd.*, xxx, September, 1807, p. 3-33.)

1808. REECE, R. Practical Observations on the Radix Rhataniæ or Rhatany, a production of Peru. London, 12mo, pp. 50.
Bibl. Manchester Med. Soc.

From this short history the inference follows that rhatany possesses great powers as a tonic and stomachic, and evidence is adduced to show that it is superior in efficacy to the preparations of cinchona, and never fails of curing all sorts of disorders!—*Edin. Med. Surg. Journal*, iv, 1808, p. 504. From subsequent remarks in the same journal (vol. vii, p. 213), it appears that the author belonged to a confraternity of quacks, and that this pamphlet is little else than an advertising puff. The same character pervades more or less all the productions of this author.

1817. HURTADO DE MENDOZA, DON M. Die Ratanhiawurzel, und ihre vortrefflichen Wirkungen, gegen passive Blutflüsse. Mainz, 8vo, pp. 45. *Vide Klein, infrà.* *Bibl. Roy.*

1817. DELURELLE, —. Observations sur la Ratanhia. Paris, 8vo, pp. 24.

1818. SALLWÜRK, F. X. Die Ratanhiawurzel und ihre Extract. Eine tabellar. medic. Darstellung. Stuttgart, folio.

1819. KLEIN, C. C. VON. Abhandlungen und Versuche über die Ratanhia, &c. Stuttgart, 8vo, pp. 170, tab. i.

A compilation containing abstracts of the writings of Ruiz, Reece, Hurtado, and others on this drug.

1820. FALCO, F. C. E. *De Ratanhia. Wirceburgi, 8vo, pp. 52.

1821. MAILLY, —. *Emploi du Ratanhia dans l'Hémoptyisie. Paris, 4to.

1822. HARTMANN, C. J. De Krameria. Diss. botanico-medica sistens historiam botanicam generis, nec non notiones auctorum circa Ratanhiam radicem chemicas et medicas. Præs. C. P. Thunberg. Upsalia, 4to, pp. 19.

A tolerably full essay. Section i, occupying eight pages, botanical; section ii, medical history, in which the analysis, medical properties, and uses of rhatany are discussed. This is followed by an enumeration of the several diseases, especially intermittent fevers, passive hæmorrhages, leucorrhœa, chronic diarrhœa, and dysentery, in which it has been recommended by various writers.

1822. ECKARD, E. L. *De radice Ratanhiæ. Berolini, 8vo, pp. 28.

1828. BUNSEN, R. *De Ratanhiæ radice ejusque usu medico. Gottingæ, 8vo, pp. 30.

1868. COTTON, J. G. S. *Étude comparée sur le genre Krameria et les racines qu'il fournit à la médecine. Paris, 4to, pp. 183, t. 4.

Some of the observations of M. Cotton are quoted in Flückiger and Hanbury's *Pharmacographia*, p. 75, *seq.*, where will be found an excellent account of this article. The "Origin of Savanilla Rhatany" is made the subject of an interesting paper by the late Daniel Hanbury in *Pharm. Journ.*, vi, 1865, p. 460.

LAC.

Coccus Lacca, Kerr.

1770. COOKE (or COOK), J. The natural history of Lac, Amber, and Myrrh, with a plain account of the very many excellent virtues these three medicinal substances are naturally possessed of.
London, 8vo. *Bibl. Med.-Chir. Soc.*

LAC et SERUM LACTIS.

Milk and Whey.

1528. PANTALEON (*vel* PANTHALEON), —. Pilularium, et Summa Lacticiniorum completa. Lugduni, 18mo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.
1536. ACORAMBONUS, H. Tractatus de natura et usu Lactis. Venetiis, 8vo. Access. ad finem De Medicamentis, Sexti Placiti. Nurembergæ, 1538, 4to.
Bibl. Coll. Phys. Lond. (sub. nom. Placitus).
Appears to enter largely into the medicinal uses of milk. "In gravidis feminis venam secare jubet, ad cavendos abortus. Phthisin lacte sanavit. Dari, ubi in febre putrida aqua lactis tuto exhiberi possit, tum in declinationibus longarum febrium, &c.—Vide *Haller, Bibl. Med. Pract.*, ii, p. 13.
1541. GESNER, C. Libellus de Lacte et operibus lactariis. Tiguri, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.; Roy.* (ed. Leipzig, 1777, 8vo?)
Philologica et medica. Utilitates medicas lactis, casei et butyri tradit.—*Haller, Bibl. Med. Pract.*, ii, p. 53.
1586. VISCHER, J. *De Lactis ejusque partium natura et viribus. Resp. J. H. Beyer. Tubingæ, 4to.
1593. KOBER, T. De Lacte et pultibus, quibus infantes passim sustentantur. Gorlicii, 8vo.
1595. COSTÆUS, J. De facili medicina per Seri et Lactis usum libri tres. Bononiæ, 4to. Papiæ, 1604, 4to. *Bibl. Roy.*
Loca Hippocratici et Galenici collecti, in quibus seri lactis usus ad morbos aliquos commendatur.—*Haller, op. cit.*, p. 213.
1603. BARICELLI, J. C. De Lactis, Seri et Butyri facultatibus et usu. Neapoli, 4to. Ibid. 1623.
Bibl. Med. Soc. Lond.; Coll. Surg. Lond.
A compilation, of which a short abstract is given by *Haller, op. cit.*, p. 367.
1605. CLAUDINUS, J. C. Breves aliquot Tract. de Lacte et Sero, &c. Francof. 4to.
1622. PERREAU, —. *Ergo Phthisicis Lac, Paris, 4to.
1625. HARTUNG, V. *De simplici trino, ut alimento medicamentoso, Lacte, Mello, Vino. Lipsiæ, 4to.
1634. NARDIUS, J. Lactis physica analysis. Florent. 4to.
Aristotelis adsecla de viribus medicis potissimum in libris quærit, absque ullo proprio experimento. De sero lactis. Butyri antiquitates. Lactis ejusque seri in variis morbis utilitas.—*Haller, op. cit.*, p. 609.
1645. GUYOT, —. *Ergo Dysenteriæ Lac. Monspel. 4to.

1651. DEUSINGIUS, A. *Dissertationes duæ... 2, de Lacte.* Groningæ, 4to. Redit in Van der Linden 'De Lacte,' 1655, *q.v.*
1655. VAN DER LINDEN, J. A. *Diss. de Lacte.* Acced. Deusingii 'Diss. de Lacte.' Groningæ, 16mo.
1655. SMITZIUS, J. A. *Objectiones adversus 'Diss. de Lacte' aut. Deusingii.* Groningæ, 12mo.
1663. LE MENESTREL, J. **Ergo Arthritidi et inveterato Rheumatismo curandis solo Lacte vesci convenit.* Paris, 4to.
1663. PALLIERIUS, F. *De vera Lactis genesi et usu.* Genevæ, 4to.
1667. RESTAURAND (*seu* RESTAURANT), R. *Hippocrates de natura Lactis ejusque usu, cum curationibus morborum.* Avenione, 8vo.
1670. GREISELIUS, J. G. *Tractatus medicus, de cura Lactis in Arthritide in quo indagatâ naturâ lactis et arthritidis tandem rationibus et experiētiis allatis diætâ lactea optima arthritidem curandi methodus proponitur?* Viennæ, 12mo. 2nd ed., Budisinsæ, 1681, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
Haller (*Bibl. Med. Pract.*, iii, p. 284) assigns 1620 as the date of this work, and observes with reference to this proposed treatment of gout "Res in eo tempore nova." Van der Linden, however, assigns 1670 as the date, and this is probably correct, judging from the dates of the author's other works. The libraries above mentioned have copies only of the second edition, that of 1681.
1672. QUIQUEBŒUF, —. **Ergo Diabeti Lac Asinum.* Paris, 4to.
1672. KUEFFER, W. C. *De Lacte.* Argentorati, 4to. *Bibl. Coll. Surg. Lond.*
1674. BAYLE, F. *Dissertationes medicæ tres : 3. De utilitate Lactis ad tabidos reficiendos et de immediato corporis alimento.* Tolosæ, 4to; Idem, Hagæ Com. 1678, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1675. WALDSCHMIDT, J. J. *De cura Lactis, Podagricorum solatio, et certo Podagræ remedio.* Giessæ, 4to.
1678. VÖGLER, H. v. *Exercitatio de Lacte.* Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*
1684. MARTIN, —. *Traité de l'usage du Lait.* Paris, 12mo, 1706. *Bibl. Roy.*
Pharmacopolæ opusculum. Post physiologica, de modo, quo debet lac ad usus medicos adhiberi, &c. Vide Haller, *Bibl. Med. Pract.*, iii, p. 621.
1687. MENTE, C. **De Phthisis curatione per Lac.* Præs. II. Meibomius. Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*
Pulmonis vulnera sanavit et phthisin, lacte mulieris et bubulo lacte et victu mere lacteo.—Haller, *op. cit.*, vol. iii, p. 160.
1705. DOLEUS, J. *Tract. de furia Podagræ Lacte victa et mitigata.* Amst. 12mo. English transl. by Dr. W. Stephens, 1732, London, 8vo. Belgian transl. Harlem, 1709, 8vo. *Bibl. Radcliffe* (ed. 1705).
Post Greiselium, qui idem argumentum tractaverat, et ipse experimenta proponit, etiam sua et aliorum, qui a podagræ sævitia debilitati sani exsti-

terint, cum ad lactis usum se recepissent, omni præterea alio cibo et potu excluso. Ipse uncias 56 in dies sumpsit. Arthritis et contractura eodem remedio superatæ; calculus diminutus.—*Haller, Bibl. Med. Pract.*, iii, p. 408.

1706. PRAUSERUS, T. *De Lactis natura, usu et abusu.
Lugd. Bat. 4to. *Bibl. Coll. Phys. Edin.*
1713. GÜNTHER, B. L. *De Lacte. Præs. J. S. Henninger.
Argentorati, 4to. *Bibl. Med.-Chir. Soc.*
1719. FISCHER, J. A. *De Lacte optimo alimento, optimoque
juxta medicamento. Enfordiæ, 4to.
1725. BURGRAFF, J. A. P. De mirabili Lactis Asinini in medendo
usu. Præs. F. Hoffmann. Halæ, 4to. English transl. London,
1754, 8vo. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*
Adversus tabem omni alio lacte præstat et etiam eos sanavit, suadente
Hoffmanno qui pus rejecerant. Id per exempla demonstravit. Sed etiam
arthriticis convenire, podagricis, hypochondriacis, scorbuto, &c. Nihil ad-
versus hypercatharses præstantius et venena mineralia.—*Haller, Bibl. Med.*
Pract., iii, p. 567.
1726. VOGEL, T. *De connubio Aquarum Mineralium cum Lacte
longe saluberrimo. Præs. F. Hoffmann. Halæ, 4to.
Advocates the combination of milk and alkaline mineral waters in certain
pulmonary, scorbutic, and spasmodic affections.
1730. WEBEL, C. De Lactis cauto usu medico. Præs. M. Alberti.
Halæ. *Bibl. Roy.*
1737. WEISS, J. N. *De usu Lactis antidoto. Altdorf. 4to.
1737. DOORSCHODT, H. *De Lacte. Lugd. Bat. 4to.
Bibl. Med.-Chir. Soc.
1741. GOURRAIGNE, II. Diss. de natura et causis fluiditatis san-
guinis, &c....de Lactis natura et usibus in medicina. (In *Haller,*
Disp. Anat., v, p. 777.) Montpel. 4to. *Bibl. Coll. Phys. Edin.*
1749. CLARET, C. *An Cancero mammario ulcerato inextirpabili
pro omni alimento Lac? Montpellier, 4to.
1751. HIRD, W. *De Lactis natura et usu. Edin. 8vo.
Bibl. Acad. Edin.
1753. GALLO, J. M. Diss. del vero e sicuro metodo dell' uso de
Latte, e suo abuso nella medicina. Parigi, 2 vols. 8vo.
Bibl. Med. Soc. Lond.
1753. GEELHAUSEN, J. J. Diss. de usu Lactis medico, seu de cura-
tionibus per Lac. Pragæ.
1754. HOFFMANN, F. On Ass's Milk. Vide "Burgraff," 1725,
antè.
1754. RAULIN, J. Observations de Médecine: sur l'usage du Lait
dans la Pulmonie, &c. Paris, 12mo. *Bibl. Med.-Chir. Soc.*
1756. ROSNER, G. E. *Diss. qua nonnulla circa vires Lactis no-
tantur. (In *Haller, Disp. Med. Pract.*, vol. vii.) Lugd. Bat. 4to.
Bibl. Med.-Chir. Soc. (Haller); Roy. (ed. 1756).

1761. YOUNG, T. *De natura et usu Lactis. (In *Sandifort's Thesaurus*, ii, p. 525.) Edin. 8vo. *Bibl. Med.-Chir. Soc.* (Sandifort).

1762. RUTTY, J. Argument of Sulphur or no Sulphur in Waters discussed, &c., with the Analysis of Milk by the same, and the uses of Goat's Whey, by James Kennedy. Dublin, 8vo. *Bibl. Med.-Chir. Soc.*

In this essay the author details his comparative experiments on woman's, cow's, goat's, ass's, and sheep's milk...he showed the coagulability of woman's milk by rennet, and pointed out the comparatively small amount of caseine which it contains.—*Dublin Quart. Med. Journ.*, viii, p. 472.

1766. SHORT, T. On the Cold Mineral Waters in England, with a discourse on Milk. London, 8vo. *Bibl. Med.-Chir. Soc.*

1769. REUSS, C. F. De Lacte Caprillo viribus medicatis imprægnato. Tübingæ, 4to. German transl. Leipzig, 1783. *Bibl. Coll. Surg. Lond.*

1773. BRUNÉTIÈRE-DESROCHETTES, J. A. A. *De Lacte. *Bibl. Med.-Chir. Soc.*

1775. HAHN, J. D. Diss. de Lacte humano ejusque cum Asinino et Ovino comparatione. Ultraject. 4to.

1779. BERTHOLLET, C. L. *De Lacte animalium medicamentoso. Præs. — Leroux des Tillets. Paris, 4to.

Medicamenta in lac non agere.—*Ploucquet, Lit. Med. Digest.*, ii, p. 474.

1782. COLOMBIER, J. Du Lait considéré dans tous ses rapports. Paris 8vo. German transl. Leipzig, 1785, 8vo. *Bibl. Roy.*

1785. FERRIS, S. Dissertation on Milk. London, 8vo. German transl. by C. F. Michaelis, Leipzig, 8vo, 1787. *Bibl. Med.-Chir. Soc.*

1787. PETIT RADEL, P. Essai sur le Lait considéré médicinalement sous différens aspects (et quæstio medica: an ad fetus nutritionem lac et sanguis?). Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1791. GEHLER, J. C. De connubio Lactis cum acido dulcibus sanitati neutiquam infuso. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.*

1799. PARMENTIER, A., et DEYEUX, N. Précis d'expériences et d'observations sur les différentes espèces de Lait; considérées dans leurs rapports avec la chimie, la médecine, &c. Paris, 8vo, pp. 420. German transl. by A. N. Scherer, Jena, 1805, 8vo. *Bibl. Roy.*

1803. GOUPIL, C. A. *De l'usage du Lait dans le traitement de la Phthisie Pulmonaire. Paris, 4to.

1806. BILLIOTTET, J. M. *Sur la Phthisie Pulmonaire et l'emploi du Lait dans le traitement de cette maladie. Paris, 4to.

1811. FRIER, —. *Vide* "Mel."

1817. DÄHNE, C. F. A. Die Milch- und Molkenkuren, und deren

zweckmässigste Anwendung in verschiedenen Krankheiten. Leipzig, 8vo, pp. 282. Second ed. *ibid.* 1820. *Bibl. Roy.*

An excellent work on the subject, according to Dr. Karell, who furnishes in *Edin. Med. Journ.*, August, 1866, an interesting sketch of the milk cure.

1818. SENNÉ, A. S. V. *Essai sur l'emploi thérapeutique du Lait. Montpellier, 4to, pp. 15.
1820. BILLARD, J. P. De Lactis usu in Febribus (c'est un commentaire sur l'Aphorisme 64, sect. 3, d'Hippocrate). Vésoul, 8vo.
1826. FOUCAULT, J. B. Observations sur l'emploi de la diète Lactée. Paris, 8vo, pp. 24.
1829. KOTTMANN, J. C. Der Weissenstein. Die Milch- und Molkenkuren, auch die Molkenbäder auf dem Jura. Solothurn, 8vo, pp. 130.
1841. QUÉVENNE, T. A. Introduction pour l'usage du Lactodensimètre suivie d'une notice sur le Lait. Paris, 8vo.
1841. SCHULZE, A. Milch- und Molkenkuren. Quedlinburg, 8vo, pp. 50.
1832. CHRESTIEN, J. A. De l'utilité du Lait administré comme remède et comme aliment dans le traitement de l'Hydropisie. Paris, 8vo, pp. 32.
- Contains very instructive details with regard to the great benefit of milk in dropsy, together with a number of cases illustrative of its effects.—*Dr. Karell, antè.*
1839. CHEVALLIER, A., et HENRY, O. Mémoire sur le Lait, sa composition, ses modifications, ses altérations. Paris, 8vo.
1843. FISCHER, F. A. Der bewährte Milcharzt, &c. Bautzen, 16mo.
1845. HUZÉ, G. Du Lait et de ses emplois en Bretagne. Nantes, 8vo.
1854. WOLFSOHN, M. Diss. de Lacte et de Sero Lactis. Berlin, 8vo, pp. 31.
1854. RUPIN, E. *De l'action du Lait comme contre-poison sur quelques dissolutions métalliques. Paris, 4to, pp. 37.
1856. CHEVALLIER, A., et REVEIL, O. Notice sur le Lait; les falsifications qu'on lui fait subir; instructions sur les moyens à employer pour les reconnaître. Paris, 8vo, pp. 40.
1856. REVEIL, P. O. Du Lait. Paris, 8vo, pp. 140.
1856. HAMBERG, N. P. Om Komjök och dess Grädda. (Of Cow's Milk and its Cream.) Upsala, pp. 14.
- Dr. Hamberg's investigations are valuable, not only in an economical point of view, but as contributing to our knowledge of the composition and properties of the typical nutriment prepared by nature for the mammalia generally. See *Dublin Quart. Journ. Med. Sci.*, November, 1857, p. 411, *seq.*
1857. INOZEMTSEFF, —. On the Milk Cure. (In Russian.) Moscow.

Dr. Inozemtseff, with the help of his assistants, resorted during a long

professional career to the "milk cure" in nearly 1000 cases; he speaks of the good results he has obtained from this treatment, and affirms that its efficacy is indisputable.—*Dr. Karell, antè.*

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1857. TILLING, R. Ueber Milch- Molken- und Mineralwassercuren im Inlande. Mitau, 8vo.
1857. BOUCHARDAT, A., et QUEVENNE, T. A. Du Lait. Fasc. ii. 1 Instruction sur l'essai et l'analyse du Lait (Chimie légale du lait). 2 Du Lait en général: des laits des femmes, d'ânesse, de chèvre, de brebis, de vache en particulier. Paris, 8vo, pp. 214.
- A treasury of knowledge on the subject of milk.—*Brit. and For. Med.-Chir. Rev.*, July, 1874, p. 154.
1857. VERNOS, M., et BECQUEREL, A. Analyse du Lait; des principaux types de vaches, chèvres, brebis, bufflisses, &c. Paris, 8vo, pp. 35.
1860. LE VISEUR, O. E. G. De Lactis usu therapeutico, historica nonnulla. Berlin, 8vo, pp. 32.
1860. BAINES, M. A. The comparative properties of Human and Animal Milks, &c. London, 8vo, pp. 31.
1860. BERTRAND, C. Essai sur le Lait considéré au point de vue de sa puissance nutritive, et de sa valeur réelle. Grenoble, 8vo, pp. 24.
1865. RICHELLOT, G. Mémoire sur l'emploi thérapeutique des Laits Médicamenteux du docteur Bouyer. Paris, 8vo, pp. 48.
1865. WITH, O. H. Über Milchwein und Milchweincuren. Bremerhaven, 8vo, pp. 33.
1866. DEJUST, E. *Des applications thérapeutiques du Lait. Paris, 4to.
1867. PECHOLIER, G. Des indications de l'emploi de la diète Lactée dans le traitement de diverses maladies, &c. Paris, 8vo, pp. 88.
1867. SANTANERA, V. La cura Lattea: Memoria presentate alle R. Acad. Med. di Torino. Turin, 8vo.
1869. LEBERT, H. Ueber Milch- und Molkencuren, &c. Berlin, 8vo. *Bibl. Med.-Chir. Soc.*
1870. SIMON, C. P. *Du Petit Lait et du Lait dans la Phthisie Pulmonaire. Paris, 4to.
1871. DONKIN, A. SCOTT. The Skim-Milk Treatment of Diabetes and Bright's Disease, with clinical observations, &c. London, 8vo, pp. 317.

By the employment of skim milk the author argues that "we can administer to a diabetic both an albuminous and saccharine proximate principle of food. The lacticin appears to undergo conversion in the presence of the casein into lactic acid, and thus skim milk becomes a food containing a quality (quantity?) of albumen in the highest degree capable of assimilation, with the addition of a saccharine principle which is also assimilated." There is no doubt that Dr. Donkin has done good service by his advocacy of

this treatment, and by the careful rules he has laid down for its application; it could be wished, however, that his proofs of its success were more satisfactory. The author shows that skim milk is preferable to new milk.—*Brit. and For. Med.-Chir. Rev.*, April, 1872, p. 428.

1871. BALESTRERI, F. M. *Sulla Dieta Lattea nelle malattie giudicate incurabili.* Milano, 8vo, pp. 41.
1871. CORDIER, L. *Des modifications imprimées aux Hydropisies dyscrasiques par le Lait. Paris, 4to.
1872. LEMOYNE, F. *De la diète Lactée comme traitement des Hydropisies. Paris, 4to.
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1872. RICHTER, H. E. *Über Milch- und Molken-Kuren.* 2nd. ed.? Leipzig, 8vo, pp. 54.
1873. BIRIEN, H. P. *Contribution à l'étude du traitement de la Dysenterie chronique coloniale par la diète Lactée. Paris, 4to, pp. 28.
1873. CLAVEL, L. C. *De la Dysenterie chronique des pays chauds, et de son traitement par la diète Lactée. Paris, 4to, pp. 45.
1873. HODOUL, C. M. J. *De la médication Lactée dans la Dysenterie et la Diarrhée chroniques. Paris, 4to, pp. 30.
1873. SALACHAS, F. J. *Sur les usages du Lait. Paris, 4to.
1874. WANKLYN, J. A. *Milk Analysis: a practical treatise.* London, 8vo, pp. 70.

A most disappointing book. In spite of the promises of the author in his preface, we cannot find that he has described a single improved method of examining milk. One would almost imagine that he had never read any analytical work dealing with the analysis of foods and farm products. Indeed, a student might infer that milk had never been properly analysed till Mr. Wanklyn accomplished the feat in 1871.—*Brit. and For. Med.-Chir. Rev.*, July, 1874, p. 154.

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This pamphlet treats of milk and of the uses to which it may be put in medicine. There are few authors from Hippocrates down to the latest medical periodicals who have assigned to milk any curative properties that are not quoted. It contains a good account of the milk treatment of diabetes (chiefly from English sources), and also of koumis in the treatment of phthisis... There are very few physicians, however experienced, who will not learn something new of the uses of milk by reading this little treatise.—*Edin. Med. Journ.*, June, 1875, p. 1129.

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Serum Lactis (Whey).

1595. COSTEUS, J. *Vide "Lac,"* 1595.
1603. BARICELLI, J. C. *Vide "Lac,"* 1603.
1605. CLAUDINUS, J. C. *Vide "Lac,"* 1605.
1623. RANNOS, S. *Tract. de Sero lactis et Ptisana.* Urasone, 4to.

1631. MUTILIANA, J. R. DE. Tractatus medico-philosophicus de
Seri Lactis natura, usu et præparatione. Florent. 8vo.

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De utilitate seri diætetica et medica, collectitium opusculum.—Haller,
Bibl. Med. Pract., ii, p. 593.

1631. CASTRENSIS, S. R. De Sero Lactis tractatus. Florent. 8vo.
Norimbergæ, 1646, 12mo.

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1632. PERSIUS TREVIUS (anagram of *Petrus Servius*). Ad librum
de Sero Lactis S. R. Castrensis declamationes, seu privatæ quæ-
dam et domesticæ exercitationes. Paris, 12mo. Romæ, 1634, 8vo.

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Subtilis refutatio et minuta. Vide *Haller, op. cit.*, p. 597.

1636. RICHER P., et LE FEVRE, J. *Ergo Dysenterię Serum Lactis
salutare. Paris, 4to.

1653. HEYDEN, H., VAN DER. Speedy Help for Rich and Poor, or
certain physical discourses touching the virtues of Whey in the
cure of Gripping Flux of the Belly and of the Dysentery, &c.
Translated from the Latin. London, 12mo.

Bibl. Coll. Phys. Lond. (original Latin work); *Med.-Chir. Soc.*

1664. FONTAINE, T., et BOURGES, J. DE. *Ergo Viscerum obstruc-
tionibus Serum Lactis. Paris, 4to.

1725. HENTSCHEL, G. *De Seri Lactis virtute. Halæ, 4to.

Bibl. Med. Soc. Lond.

1725. HOFFMANN, F. De Seri Lactis virtute longe saluberrima.

Halæ, 4to.

Lac multis nocere ob naturam coagulabilem...Seri nullum vitium esse.
Sacharum ex sero exhalando paratum variis ex animalibus; id sacharum in
aqua coctum *Serum Lactis dulce* vocat; inventum suum et magnis extollit
laudibus. Alvum laxam servat, cacochymiam temperat etiam scorbuticam, et
spasmi subvenit et tabi. Exempla ad hypercatharsin salubris efficacię.—
Haller, Bibl. Med. Pract. iii, p. 568.

1765. SCHULTHESS, S. De Sero Lactis dulci Hoffmanniano.

Tubingæ, 4to. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*

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Paris, 8vo, pp. 32.

1853. BENEKE, F. W. Die Rationalität der Molkencuren; eine
Empfehlungsschrift für die Molkenanstalt zu Bad Rehburg.

Hannover, 8vo, pp. 72.

This memoir contains an explanation of what upon chemical and physio-
logical grounds the author conceives to be the *modus operandi* of whey in
those morbid states in which it is commonly prescribed. He treats the
subject in a manner which gives dignity to it, whilst he does not overrate
the curative powers of the agent to which he draws attention.—*Brit. and
For. Med.-Chir. Rev.*, July, 1853, p. 149, seq.

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1854. WOLFSOHN, M. *Vide* "Lac," 1854.
1857. TILLING, R. *Vide* "Lac," 1857.
1858. BARANIECKI, A. Notice sur le Petit-lait en général et en particulier sur les bains de Petit-lait en Bessarabie. Paris, 8vo, pp. 23.
1860. CARRIÈRE, E. Les cures de Petit-lait et de Raisin en Allemagne et en Suisse dans le traitement des maladies chroniques, et en particulier dans les névroses, les troubles fonctionnels des organes digestifs, les pléthores, &c. Paris, 8vo, pp. 240.
1869. LEBERT, H. *Vide* "Lac," 1869.
1870. SIMON, C. P. *Du Petit-lait et du Lait dans la Phthisie Pulmonaire. Paris, 4to.
1875. MODRY, M. Der Molkencurort Roznau in Mähren. Eine Würdigung der Milch- und Molkeneuren vom physiologischen und therapeutischen Standpunkte, &c. Wien, 12mo, pp. 135.

LACERTA.

The Lizard and other Reptiles as Medicinal agents.

1782. FLOREZ, J. Especifico nuevamente discubierto en el regno do Guatimala, para la curacion del Cancro. Madrid, 4to. French transl. by Grasset, 1784, Lausanne, 8vo. Italian transl. by C. M. Toscanelli, 1784, Turin, 8vo.
1784. DAUBENTON, CARRÈRE, et MAUDUYT, MM. Rapports sur les vertus médicales des Lézards du royaume de Guatimala. (Ex. in *Hist. de la Soc. Royale de Méd., Paris*, vol. iv.)

This is a report upon a Spanish memoir on a specific discovered in Guatemala for the cure of cancer and other diseases, written by Dr. Joseph Florez, member of the University of Guatemala, and published at Madrid in 1782 (*ante*). This specific is a species of lizard called in Spanish *Lagartija*, and its mode of administration by the Indians is at once simple and disgusting! They cut off the head and tail, remove the intestines and skin, and swallow it directly whilst still bloody and warm, and, if possible, before life is quite extinct! If this is objected to, the lizard, prepared as above, is made into two boluses, the size of a musket bullet and enclosed in a wafer! One is sometimes sufficient to effect a cure, but when this is not the case the number is increased to three. For further details see *Duncan's Med. Commentaries*, xv, 1790, p. 121—133. This remedy fell into merited disuse till 1811, when attention was again called to it by Dr. Gourlay, who, in his work 'On the Natural History, Diseases, &c., of Madeira,' states that in that island the common lizard (*Lacerta agilis*, *Linn.*) is used with success in cancer, and speaks of instances of its successful employment within his own knowledge.

1784. MEO, J. B. DE. Saggio intorno all' nuovo specifico delle Lacertole. Palermo, 8vo. French transl. by J. F. Martinet, Paris, 1786, 8vo.

1785. TREVISAN, F. Raccolta di vari opuscoli publicati fin ora intorno all' uso delle Lacertole per la guarigione di Cancri ed altri mali. Naples, 8vo.
1787. SCHNEITER, J. G. Diss. Amphibiorum virtutis medicatæ defensio inchoata. Præs. J. Harmann. Argent. 4to.
1788. RÖMER, J. J. Ueber den Nutzen und Gebrauch der Eidechsen in Krebschäden, der Lustseuche und verschied. Hautkrankheiten. Leipzig, 8vo.
1788. CARMINATI, B. De Lacertarum et Viperarum variis in morbis usu. In ejus 'Opuscula Therapeutica.' Vide "General Therapeutics," 1788.
1789. SCHWEIGHÆUSER, J. F. Amphibiorum virtutis medicatæ defensio continuata Scinci maxime historiam expendens. Argentorati, 4to.

LACTIC ACID.

1841. BOTTIGNOLI, G. Dell' Acido Lattico e del Lattato Ferroso. Pavia, 8vo, pp. 56.
1841. PERETTI, P. Sull' Acido Lattico. Loc?
Bibl. Manchester Med. Soc.

See also "Lactates," p. 163.

LACTUCA et LACTUCARIUM.

The Lettuce and its concrete Juice.

1780. COLLIN, H. J. Lactuæ sylvestris contra Hydropem vires. Vienna, 8vo, pp. 66, tab. i. *Bibl. Med.-Chir. Soc.*

From the figures of the plant prefixed to this essay, and from the statements contained in it, we are led to the conclusion, notwithstanding the title-page, that the plant employed by the author was not *Lactuca sylvestris* but *L. virosa*. Out of 24 cases of dropsy treated with the extract of this plant related in this work only one is said to have proved fatal. See reviews in *Duncan's Med. Commentaries*, xi, 1787, p. 36, and *London Med. Journal*, i, 1781, p. 263—6.

1799. COXE, J. R. Inquiry into the comparative effects of Opium Officinarum extracted from *Papaver somniferum*, *Linn.*, and that procured from *Lactuca sativa*, *Linn.*, the common cultivated Lettuce. (Ex. in *Trans. of American Phil. Soc.*, iv, 1799, p. 387.)

Although the soporific properties of the lettuce were known to the ancients, it was left to Dr. Coxe of Philadelphia, in the above communication, to introduce its concrete juice into modern practice. To this he gives it the name of *Lettuce Opium*, for which, however, Dr. Duncan subsequently substituted that of *Lactucarium*. *Thridace*, another name sometimes applied to it, belongs properly to Extract of Lettuce.

1816. DUNCAN, A. On Pulmonary Consumption. Second ed. To

which is added an appendix on the preparation and use of Lactucarium or Lettuce Opium. Edin. 8vo, pp. 169.

The author speaks very favorably of the medicinal virtues of lactucarium, maintaining that from it we may obtain all the anodyne effects of opium without the disagreeable consequences which not unfrequently follow the employment of opium.—*Eberle*.

1819. GANZEL, K. L. *De Lactuca sativa et Lactucario. Berolini, 8vo, pp. 32.
1820. KLINK, A. *Diss. sistens Lactucæ virosæ et L. sativæ analysin chemicam. Kiliæ, 4to, pp. 27.
1820. DUNCAN, A. Additional observations on the use of Lactucarium, particularly in a case of Cynanche laryngea or Croup. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1825. FRANÇOIS, A. Observations sur l'emploi de l'Extrait de Laitue faites à l'Hôpital de la Pitié par le Dr. François, et recueillies par le Dr. Meyraux. Paris, 8vo, pp. 16.
- Dr. François is the author of another memoir, ('De la Thridace,') published in *Archives Gén. de Méd.*, tome viii, 1825-6, p. 258, 529, and tome ix, 1825, p. 147. A notice of this is in the *Lancet*, vol. ix, 1825-6, p. 388. This memoir seems to have been one of considerable importance.
- François, who made use of the concreted juice of the plant obtained by incision, pronounced it to be destitute of any narcotic or intoxicating property such as belongs to opium, but admitted that it indirectly disposes to sleep by soothing pain and diminishing the activity of the circulation.—*Stillé, Thérap.*, i, p. 757.
1826. VAUDREY, —. *Diss. sur la Thridace. Paris, 4to.
1827. HUMBLE, A. H. *De Lactucario. Præs. C. Thunberg. Upsaliæ, 4to, pp. 8.
1833. HIRSCHFELD, H. *De Lactuca virosa et L. Scariola. Berol. 8vo, pp. 62. *Bibl. Coll. Phys. Edin.*
1833. HAUSSEN, L. P. *De Extracto Lactucæ et Lactucario. Præs. J. Sonnerberg. Londini Gothorum, 4to.
1837. MENICUCCI, C. A. Cardialgia vinta col solo succo della Lactuca virosa. Lucca, 8vo.
1839. WALZ, G. F. Der Milchsaft des Giftlattichs chemisch untersucht. Heidelberg, 8vo, pp. 54.
- The principal points of Walz's analysis will be found in *Christison's Dispensatory*, p. 588 seq.
1860. KELTERBOON, A. Meletemata nonnulla de herba Cannabis Indiæ et de Lactucario. Dorpati, 8vo, pp. 23.
1864. AUBERGIER, H. Le dernier mot sur le Lactucarium, suivi de pièces officielles. Clermont, 8vo, pp. 19.

LAMINARIA DIGITATA, Linn.

Sea Girdle. Tangle.

1867. HUBERT, —. De l'emploi du Laminaria digitata et des autres moyens propres à provoquer l'accouchement prématuré. Bruxelles, 8vo, pp. 24.

1867. HYERNAUX, L. Du Laminaria digitata et de l'Éponge préparée dans la pratique des accouchements prématurés artificiels. Bruxelles, 8vo, pp. 32.
1867. PIGEOLET, —. La Laminaria digitée et l'accouchement prématuré provoqué. Bruxelles, 8vo, pp. 24.
1867. VAN LEYNSEELE, —. De l'emploi du Laminaria comme moyen provocateur de l'accouchement prématuré. Bruxelles, 8vo, pp. 16.
1870. REEVES, H. A. The safe and speedy treatment of Urethral Stricture by means of Laminaria digitata. London, 8vo. *Bibl. Med.-Chir. Soc.*

LAURUS (sp. of).

Laurel.

1670. CALDENBACH, C. *De Lauro. Tubingæ, 4to, pp. 15.
1732. WAGNER, J. G. Arboreti Sacri perfectionis specimen sistens Laurum ex omni antiquitate erutam. Helmstadii, 8vo, pp. 216. *Bibl. Banks.*
1751. AGNETHLER, M. G. *De Lauro. Halæ, 4to, pp. 60, tab. i. *Bibl. Banks.*
- Historia Lauri poeticæ botanica, medica, philologica. Folia adversus febres intermittentes valere.—*Haller, Bibl. Bot.*, ii, p. 369.

LAURUS CERASUS. Vide PRUNUS LAUROCERASUS.

LAVENDULA VERA, DC.

Lavender.

1780. LINNÆUS, C. (filius). *Diss. de Lavandula. Resp. J. D. Lundmark. Upsaliæ, 4to, pp. 22, tab. 2. Id. in *Amæn. Acad.*, vol. x, pt. ii, p. 41. *Bibl. Linn. Soc. Banks.*
- Mainly botanical; the portion devoted to the properties and uses of lavender is very brief, and contains nothing noteworthy.

LEDUM PALUSTRE, Linn.

Wild Rosemary.

1775. WESTRING, J. P. *Diss. medica de Ledo palustri. Præs. C. Linnæus. Idem in *Amæn. Acad.*, vol. viii, p. 268. Upsaliæ, 4to, pp. 18. *Bibl. Banks; Linn. Soc.*
- Contains a full botanical account of the plant, followed by an examination of its medical properties and uses. It is chiefly lauded in the form of decoction as an external application, in scabies, tinea, lepra, exanthemata, &c. It appears to be specially obnoxious to bugs, hence its virtues as a cimicifuge are duly set forth.
1824. RINGEL, F. De natura et viribus herbæ Ledi palustris sivo Rosmarini sylvestris. Halæ, 8vo, pp. 26.

LEPIDIDIUM RUDERALE, Linn.

1816. GLASER, F. R. VON. *De virtute et vi medica Lepidii ruderalis, *Linn.*, in morbis tum internis tum externis adhibiti.
Dorpati, 8vo, pp. 64.

LICHEN (sp. of).

1762. CARTHEUSER, J. F. *Diss. de Lichene cinereo terrestri.
Resp. G. L. Sixius. Francof. ad Viad. 4to, pp. 16.
Bibl. Banks; Radcliffe.
1785. DILLENIIUS, J. B. J. De Lichene pyxidato (fimbriato et coccifero). Moguntiae, 8vo, pp. 48, tab. i. Idem in *Schlegel Thes. Mat. Med.*, vol. i, art. 9, p. 307.
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).

A botanical and chemical history of this lichen, followed by an account of its medicinal uses; it is specially lauded as a remedy in convulsive coughs, and four cases illustrative of its efficacy are given.

1786. HOFFMANN, G. F. Diss. de vario Lichenum usu.
Erlangæ, 4to. *Bibl. Coll. Surg. Lond.*
1787. AMOREUX, P. J. Recherches et expériences sur les divers Lichens. Lyon, 8vo. *Bibl. Linn. Soc.*
1787. WILLEMET, R. Lichénographie Économique. Lyon, 8vo.
Bibl. Linn. Soc.; Acad. Edin.

This and the two preceding works were in answer to a question proposed by the Academy of Lyons on the utility of lichens. Hoffmann's memoir obtained the prize; the three were subsequently published in a single volume entitled 'Hoffmann, Amoreux et Willemet. Mémoires couronnés en 1786 par l'Académie de Lyon sur l'utilité des Lichens dans la médecine et dans l'art,' Lyon.—*Méat et De Lens.*

1791. STARRING, B. J. H. De viribus Lichenis. Harderovici, 4to.
Bibl. Roy.

LIGNUM COLUBRINUM. Vide STRYCHNOS COLUBRINA.

LILIUM CANDIDUM, Linn.

White Lily.

1662. URSINUS, L. De Lilio Albo. Lipsiæ, 4to.
Bibl. Coll. Phys. Lond.; Banks.
1683. TILLING vel TILLINGIUS, M. Lilium curiosum, seu accurata Lillii albi descriptio, in qua ejus natura et essentia mirabilis, nobilitas et prestantia singularis, qualitates et vires ineffabiles fere philologice, physice, theologice, et medicæ...relevantur.
Francof. ad Mœu. 8vo, pp. 576. *Bibl. Linn. Soc.; Banks.*

Collatitium opusculum quale eo tempore scribebatur.—*Haller, Bibl. Bot.*, i, p. 555.

LINARIA CYMBALARIA, Miller.

Cymbalaria or Ivy-leaved Toad Flax.

1715. HERMANN, J. H. *De Cymbalaria. Præs. T. Zwinger. Basiliæ, 4to, pp. 20, tab. col. i. Redit. in Wepfer, *Hist. Cicuta aquatica*, Basiliæ, 1714 et 1733.
Bibl. Radcliffe; Med. Soc. Lond. (sub nom. Wepfer).

LINNÆA BOREALIS, Gronov.

1788. LUNDMARK, J. D. *Diss. de usu Linnææ medico. Præs. J. G. Acrel. Upsaliæ, 4to, pp. 10. *Bibl. Acad. Edin.*

LINUM CATHARTICUM, Linn.

Purging Flax.

1712. CAMMERARIUS, R. J. *Bigæ botanica. (Linum catharticum.) Tubingæ, 4to, pp. 16. *Bibl. Banks.*
 1715. SLEVOGT, J. H. *De Lino sylvestri cathartico Anglorum. Jenæ, 4to, pp. 8. *Bibl. Banks.*
 1835. MORITZ, W. *De Lini cathartici vi purgante observationes. Dorpati, 8vo, pp. 32.
 1845. PAGENSTECHER, F. *Ueber Linum catharticum, Linn. München, 8vo, pp. 24.

LINUM USITATISSIMUM, Linn.

Linseed.

1767. GALLESKY, J. G. Abhandlung vom Miserere od. von der Darmgicht, nebst einigen Bemerkgn. v. den heilsamen Kräften des Leinöls in dieser Krankheiten. Leipzig, 8vo. Strongly advocates the administration of linseed oil in colica pectorum and other spasmodic affections of the bowels.
 1845. SACC, F. Expériences sur les propriétés physiques et chimiques de l'Huile de Lin. Neuchatel, 4to, pp. 18.

LIRIODENDRON TULIPIFERA, Linn.

Tulip Tree. American Poplar.

1840. BOUCHARDAT, A. Mémoire sur l'analyse de l'écorce du Tulipier, Liriodendron tulipifera. Paris, 8vo. Idem. in *Ann. de Thérap.*, 1841, p. 75.
 1800. CUBIÈRES, S. L. P., MARQUIS DE. Histoire du Tulipier. Paris, 8vo.
 1802. ROGERS, P. KERR. *An investigation of the properties of the Liriodendron tulipifera or Poplar Tree. Philadelphia, 8vo.

Dr. Rogers's was the first analysis of liriodendron bark, but from the state of organic chemistry at that day it is of little interest except that he found an acid, which he supposed to be hydrochloric, but which has not been detected by later experimenters.—*Griffith's Med. Bot.*, p. 99. The principle liriodendrine was discovered in 1832 by Prof. J. P. Emmet.—*Phil. Journ. Pharm.*, iii, p. 5.

LITHIUM

And its preparations.

1855. WEYMAN, G. W. *Lithium and its known compounds. (Chemical?) Göttingen, 8vo, pp. 42.
1857. TROOST, L. *Recherches sur le Lithium et ses composés. Paris, pp. 48.
1873. GARROD, A. B. Renal Calculus, Gravel and Gouty Deposits, and the value of Lithium Salts in their treatment. (Ex. in *Med. Times and Gaz.*, 1873, vol. i, pp. 83, 246, 299.)
A valuable practical communication, illustrating the physiological action and therapeutic applications of the preparations of lithium.
1874. LEVY, E. *Sur l'action physiologique et thérapeutique de Bromure de Lithium. Paris, 4to.

LOBELIA INFLATA, Linn.

Bladder-podded Lobelia, Indian Tobacco.

1829. ROBINSON, J. H. Debility, &c.; to which are added instructions for the use of Lobelia inflata in cases of Asthma and Chronic Cough. London, 8vo, pp. 86.
The title-page, a long one, savours very strongly of quackery.
1830. REECE, R. Practical Treatise on the anti-asthmatic properties of Lobelia inflata, with directions for its exhibition, &c. London, 8vo, pp. 40. *Bibl. Coll. Surg. Lond.*
1864. BARALLIER, A. Des effets physiologiques et de l'emploi thérapeutique de la Lobelia inflata. (Ex *Bull. de Thérap.*) Paris, 8vo, pp. 15.

LOBELIA SYPHILITICA, Linn.

1782. DUPAU, J. Sur l'usage des végétaux exotiques, et particulièrement de la Lobelia syphilitica dans les Maladies Vénériennes. Paris, 8vo.
1791. NEALE, M. On the virtues and efficacy of some exotic plants, and especially of Lobelia syphilitica in the cure of Venereal and Scrophulous Maladies. London, 8vo, pp. 94.
A translation of the work of M. Dupau?

LOLIUM TEMULENTUM, Linn.

Darnel.

1600. CRASSUS, P. De Lolio tractatus. Bononiæ, 4to, pp. 64. *Bibl. Banks.*
1710. CAMMERARIUS, R. J. De Lolio temulento. (In *Act. Nat. Cur. Dec.*, Ann. 8, p. 430, 433.) Tubingæ, 4to, pp. 24.
1813. CLABAUD, J. B. *Diss. sur l'Ivraie (Lolium temulentum). Paris, 4to, pp. 16.

LYCOPERDON, Sp. of.

Puff-ball, &c.

1782. BRYANT, C. An historical account of two species of Lycoperdon, in which the plants are accurately described, and their several curious properties are set forth. London, 8vo, pp. 32, tab. i. *Bibl. Banks.*
1853. RICHARDSON, W. B. On the anæsthetic properties of Lycoperdon proteus or common Puff-ball. (Reprint from *Association Med. Journal*, 1852.) London, 12mo, pp. 12. *Bibl. Med.-Chir. Soc.*

A highly interesting and suggestive brochure. From the fact that the fumes of burning puff-ball are in common use for the purpose of stupifying bees before the process of extracting the contents of the hive, the author was induced to extend some trials with it to animals, cats and dogs, in order to ascertain its anæsthetic powers. From these it is evident that the fumes of the puff-ball contain a principle capable of causing anæsthesia in animals. In liberal doses it narcotises rapidly and effectually without unpleasant symptoms; and the narcotic effect soon passes off, leaving the animal in perfect health. Details are given of an operation (removal of a tumour) on a dog during anæsthesia induced by its means. The subject seems well worthy of further investigation.

LYCOPODIUM CLAVATUM, Linn.

Club Moss.

1702. WEDEL, G. W. De Musco terrestri clavato seu Lycopodio. Resp. M. N. Hanneken. Jenæ, 4to, pp. 44. *Bibl. Banks.*
- Multiplices vires medicæ: laudat etiam ad urinæ dolores, ad vulnera, adque plicam.—*Haller, Bibl. Bot.*, i, p. 559.
1814. DANZEL, J. F. N. *De Lycopodii herba et semine. Gottingæ, 8vo, pp. 71. *Bibl. Med.-Chir. Soc.*
1852. ADERHOLDT, A. E. *De partibus anorganicis Lycopodii chamæcyparissi et L. clavati. (Chemical.) Bonn, 8vo, pp. 25.

LYCOPUS EUROPEUS, Linn.

Water Horehound.

1820. RE, G. F. Sopra un nuovo succedano della Corteccia del Peru. Torino, 8vo, pp. 21.
- In this brochure the author sets forth the antiperiodic virtues of *Lycopus Europæus*; he states that he administered it in powder in doses of eight grammes before the paroxysm several days in succession, and that he found its action as an antiperiodic equal to that of cinchona.—*Cazin Plant. Med. Indig.*, p. 552.

LYTHRUM SALICARIA, Linn.

Willow-herb, or Purple Loose-strife.

1762. SAGAR, M. *De Salicaria. (Idem in *Wasserberg Diss.*, ii, p. 393). Vienna, 4to, pp. 15. *Bibl. Linn. Soc.; Banks.*
- Advocates its use in leucorrhœa and hæmoptysis.

1790. SCHERBIUS, J. *De Lysimachiae purpureae sive Lythri Salicariae, *Linn.*, virtute medicinali non dubia. Jenæ, 4to, pp. 34, tab. i. *Bibl. Med. Soc. Lond.; Banks.*
1802. FREYER, J. G. De Lythro Salicaria, *Linn.* Gottingæ, 8vo, pp. 70, tab. col. i. *Bibl. Linn. Soc.*

MAGNESIA et MAGNESIÆ CARBONAS.

Magnesia and its Carbonate.

1705. VALENTINUS, M. B. Relatio de Magnesia alba novo genuino et polychresto et innoxio pharmaco purgante Roma nuper advento a G. G. Lobniz. Giessæ, 8vo.
1710. SLEVOGT, J. H. Diss. de Magnesia alba novo et innoxio purgante polychresto remedio. Jenæ, 4to, pp. 28. *Bibl. Banks.*
1732. WEDEL, J. A. De Magnesia alba compendiose paranda. Jenæ, 4to.
1752. SMITH, H. *De Magnesia alba. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1754. BLACK, J. *De humore acido à cibis orto, et Magnesia alba. Edin. 8vo. *Bibl. Med.-Chir. Soc.*
1764. GLASS, S. Essay on Magnesia alba. Oxford, 8vo. *Bibl. Med.-Chir. Soc.*
1768. INGRAM, D. An inquiry into the origin and nature of Magnesia alba, &c. London, 8vo.
1772. RUPERTI, H. J. Diss. Magnesiæ albæ alcalinæ proprietates ac virtutes proponens. Helmstadtii, 4to.
1773. ELSNER, C. F. Diss. de Magnesia Edinburgensi. Regiomonti, 4to.
1773. HENRY, T. Experiments and observations on Magnesia, Lime, Antiseptic Substances and Fixed Air. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*
1774. SCHAEFFER, J. C. G. Diss. de Magnesia. Argentorati, 4to. (In *Wittwer, Diss. Med. Argent.*, vol. iii, p. 152.) *Bibl. Coll. Surg. Lond.; Acad. Edin.*
1775. BERGMAN, T. *Diss. de Magnesia alba. Resp. C. Norell. Upsalæ, 8vo, pp. 28. *Bibl. Banks.*
1777. BLACK, J. Experiments upon Magnesia alba, Quick-lime, and other alkaline substances, &c. London, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1775. HENRY, T. An account of the medicinal virtues of Magnesia alba. London, 8vo. *Bibl. Coll. Surg. Lond.*
1779. JAEGER, C. F. *Diss. de Magnesia cruda atque calcinata. Resp. J. F. Bilhuber. Tubingæ, 4to, pp. 44. *Bibl. Banks.*

1780. GEHLER, J. C. *Progr. de Magnesiae genuinae usu medico.*
Lipsiae, 4to.
1782. TEISSIER, J. *Sur le Magnesia alba et son utilité pour préserver ou rétablir la santé.* Amsterdam, 8vo, pp. 39. Dutch transl, *ibid.* 8vo. *Bibl. Roy. (Dutch.)*
1783. HULSENKAMP, F. C. *De Hollandsche Magnesia alba, beschouwd en bewerkt.* Amst. 8vo.
1785. GMELIN, C. G. *Historia fontium muriaticorum Sulzensium; necnon experimenta et cogitata circa Magnesiam.*
Erlangæ, 8vo.
1786. DRIESSEN, P. *Scheikundige verhandeling over de Magnesia alba, &c.* Amst. 8vo.
1804. ARCHER, J. **On the effects and modus operandi of the Carbonates of Lime, Magnesia, and Potash in the cure of general and local diseases.* Philadelphia, 8vo.
1805. GADOLIN, J. **De Magnesia.* Resp. J. Skalen. Aboæ, 4to. *Bibl. Linn. Soc.*
1844. MIALHE, L. *Considérations chimiques et thérapeutiques sur les différentes espèces de Magnésie calcinée, employées en médecine.* Paris, 8vo, pp. 24.
1852. SCHUCHARDT, B. *Untersuchungen über die Anwendung des Magnesiahydrats als Gegenmittel gegen arsenige Säure und Quecksilberchlorid.* Göttingen, 8vo, pp. 60.
1854. GULEKE, A. **De vi Magnesiae Ustæ alvum purgante.*
Dorpati, 8vo, pp. 28.
1856. KERKOVINS, E. *De Magnesiae ejusque Salium quorundam in tractu intestinali mutationibus.* Dorpati, 8vo, pp. 47.
1856. WAGNER, C. *Experimenta de excretionem Calcariae et Magnesiae.* Dorpati, 8vo, pp. 46.
1861. KOERBER, B. *Beiträge zur Kenntniss des Ueberganges der Kalk- und Magnesiasalze ins Blut.* Dorpati, 8vo, pp. 45.
1875. CAULET, —. *On Magnesia as an Alkali.* *Vide* "Alkalies," "Calx," 1875.

MAGNESIÆ SULPHAS.

Sulphate of Magnesia. Epsom Salt.

1698. GREW, NEHEMIAH. *Tractatus de Sale Cathartico Amaro in aquis Ebeshamensibus.* London, 18mo. English transl. by J. Bridges, London, 1697. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

This work contains the first notice of the sulphate of magnesia (Epsom salts), but it is mainly occupied with an account of the saline springs from which it was originally obtained. See "Epsom," in "British Mineral Waters," in Appendix.

1715. WEDEL, J. A. *De Sale Cathartico Amaro Anglico.*
Jenæ, 4to.

1781. BUTINI, P. Observations et recherches analytiques sur le Magnesia du Sel d'Epsom suivies de réflexions sur l'union chimique des corps. Genève, 8vo.

For a short notice of this chemical tract see *London Med. Journal*, November, 1781, p. 358.

1784. STORR, H. De Sale Alpino (Sulphate of Magnesia). Tubingæ, 4to.
 1803. MAJON, G. Memoria sopra Solfato di Magnesia. (Chemical?) Genova, 8vo, pp. 16.
 1857. DUHMBERG, O. K. Diss. de effectu Magnesiae Sulphuricae. Dorpati, 8vo, pp. 48.
 1866. BARBIERI, A. *Vide* "Magnesiae Sulphis," 1866.
 1871. MOREAU, A. Expériences sur l'Intestin; sur l'action du Sulfate de Magnésie. 2me note. Paris, 8vo, pp. 4.

MAGNESIÆ SULPHIS.

Sulphite of Magnesia.

1866. BARBIERI, A. Due casi d'infezione purulenta ed un terzo d'infezione putrida trattati internamente coll Solfito di Magnesia, &c. Milan, 8vo, pp. 31.

In the title of this work, as it appears in 'Ruprecht's Bibl. Med. Chirurg.,' 1866, p. 98, the salt employed is stated to have been the sulphate of magnesia, but from the context it is evident that the sulphite was intended, hence I have transferred it to this place.

1870. SANTINI, S. Del Salasso nella Pneumonite. Studi sperimentali sul Solfito di Magnesia nella Febre Miasmatica. Firenze, 8vo, pp. 67.

See also "Sulphites," p. 187.

MAGNOLIA GLAUCA, Linn. Et alt. species.

White Laurel Tree, &c.

1802. PRICE, T. D. *Dissertation on the Magnolia glauca, or Common White Laurel tree. Philadelphia, 8vo.
 1806. FLOYD, J. An experimental inquiry into the medical properties of the Magnolia tripetala and Magnolia acuminata. Philadelphia, 8vo.
 1855. SEMMOLA, M. Della Magnolia grandiflora. Ricerche chimiche e farmacologiche. Napoli, 8vo.

MALAMBO or MATIAS BARK.

1816. GRANVILLE, A. B. Account of the physical and chemical properties of the Malambo-bark, a species of Wintera lately introduced into the Materia Medica from America. London, 8vo.

Malambo-bark, introduced into Europe by Bonpland in 1814, enjoyed a short-lived popularity as a tonic and stomachic. Its botanical origin was settled in 1858 by Karsten, who referred it to *Croton Malambo*, *Krst.* It is identical with *Matias-bark*, which was brought to notice in 1840 by Dr. Mackay. *Vide* Mr. Ure in *Pharm. Journ.*, iii, 1843, p. 169.

MALTINE.

1874. PAUL, C. Maltine in Dyspepsia. *Vide* "Pepsine," 1874.

MANGANESIUM.

Manganese and its Salts.

1793. SCHROEDTER, J. C. A. *Diss. sistens quæstionem num Magnesii vitriariorum (Manganesii-Oxidum) in Febribus Inflammatoriis adhibenda sit. Jenæ, 4to, pp. 33. *Bibl. Roy.*
1800. (Ann. viii.) GRILL, N., et MORELET, —. Sur l'emploi de l'Oxide de Manganèse dans les Maladies Cutanées. Grenoble, 8vo, pp. 47.
1805. KAPP, G. C. F. System. Darstellung der durch die neue Chemie in der Arzneikunst, bewirkten Veränderungen und Verbesserungen. Nebst einem Anh. über das Braunsteinmetall (Manganese) und dessen Oxyde, als Heilmittel. Hafniæ, 8vo.
1820. FORCHHAMMER, J. G. *De Mangano. Hafniæ, 4to, pp. 54. *Bibl. Med.-Chir. Soc.*
1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... des Manganes, &c., auf den thierischen Organismus. Tübingen, 8vo.
Reviewed in *Edin. Med. Surg. Journ.*, xxvi, 1829, p. 139. See also "Metals," 1825.
1828. SEYL, A. *De Mangani natura et medicamentis. Marburgi, 8vo, pp. 31.
1849. HANNON, J. D. Études sur le Manganèse. De ses applications thérapeutiques et de l'utilité de sa présence dans le sang. Bruxelles, 8vo, pp. 50.
1851. BRIKOFF, —. On Manganese and its preparations. (In Russian.) St. Petersburg ? 8vo.
1852. BURIN DU BUISSON, A. Mémoire sur l'existence du Manganèse dans le sang humain, sur son rôle dans l'économie animale et sur la préparation de quelques nouveaux produits pharmaceutiques de Fer et de Manganèse. Lyon et Montpellier, Paris, 8vo, pp. 56.
1852. PÉTREQUIN, J. E. Nouvelles recherches sur l'emploi thérapeutique du Manganèse comme adjuvant et comme succédané du Fer. Paris, 8vo, pp. 28.

MANIHOT UTILISSIMA, Pohl.

Bitter Cassava, Manioc.

1753. HERRERT, H. N. De Cassavæ Amaræ Surinamensis radice. Marburgi, 4to. *Bibl. Banks.*
- Duas dari Maniocæ species; alteri radicem esse innoxiam; amaræ succum certum venenum esse, et ventriculū mire inflare, perque convulsiones necare, nisi vomitu reddatur; per fermentationem vero et coctionem innoxium fieri. Hæc solus docet.—*Haller, Bibl. Bot.*, ii, p. 431.

1830. HENRY, O., et BOUTRON-CHARLARD, — Recherches sur le principe vénéneux du Manioc amer. (Ex. in *Mem. de l'Acad. Roy. de Méd.*, v, p. 212, et *Journ. de Pharm.*, xxii, p. 118, 1836. Paris.

MANNA et MANNITE.

1525. CRINITUS, P. De honesta Disciplina, Libri xxv. Lib. xxv, cap. vii, Quo nomine apud Veteres Manna diceretur: ac de illius usu ac cognitione apud medicos: tum de Manna Thuris nonnihil. Paris, folio.
1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.
1562. DONATUS ANTONINUS AB ALTOMARI. De Mannæ differentiis ac viribus deque eas dignoscendi via ac ratione. Venetiis, 4to, pp. 46. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

A literary piracy! The circumstances under which it was produced are given in detail by Daniel Hanbury in his 'Historical Notes on Manna,' *infra*. From this it appears that in 1562 the Neapolitan government issued an edict prohibiting druggists under a severe penalty from using any other manna than that of the leaf (leaf manna), under the impression that that obtained by incision of the bark was of very inferior quality. This law proved very injurious to the Calabrians, and a physician, Annibal Briganti, took up the question in a philosophical spirit, made many visits to the manna districts, and after much investigation came to the conclusion that manna, whether spontaneously yielded by the leaves or stem or obtained by incision of the bark, is essentially the same substance and possesses like virtues. Briganti, distrusting his own judgment in the matter, transmitted his manuscript observations from Chieti, where he lived, to another learned man, Donatus Antoninus ab Altomari, of Naples, who so entirely approved of it that he immediately published the whole of it under his own name!! An account of this shameless piracy is related with much moderation by Briganti himself in his Italian edition of Garcia D'Orto, published at Venice in 1582.—*Hanbury*.

1567. CASSANI, F. De Mannæ viribus et essentia. Neapoli, 8vo.
1633. WALTHER, M. Tractatus de Manna. Lugd. Bat. 8vo.
Bibl. Coll. Phys. Lond.
1642. NARDIUS, J. De Rore disquisitio, in qua agitur de Melle, Manna, Saccharo, &c. Florent. 4to.
Ex theoria fere, neque suis usus experimentis.—*Haller, Bibl. Bot.*, i, p. 464.
1648. MAGNENUS, J. C. De Manna liber singularis. Ticini, 8vo.
2nd ed. 1658, Papiæ, 12mo; 3rd ed. 1658, Hagæ, 12mo.
Bibl. Med.-Chir. Soc.; Linn Soc.; Coll. Phys. Edin. (ed.) 1658;
Acad. Edin. 1658.
- Præter rem botanicam et elementa mannæ, agit de viribus medicis; magnum mannæ esse consensum cum bile, quam ducat, tamen et aquam expurgare. Majori dosi quatuor unciarum dari debere Formulæ. *Haller, Bibl. Med. Pract.*, iii, p. 2.

1659. DEUSINGIUS, A. Diss. de Manna et Saccharo. Groningæ, 12mo. *Bibl. Linn. Soc.; Coll. Phys. Edin.*

1664. SALMASIUS, C. De Manna et Saccharo Commentarius. Paris, 12mo. Redit in ejus *Exercit. de Homonymis*. Traject. ad Rhen. 1689, folio, p. 245—254.

* *Bibl. Med. Soc. Lond.; Acad. Edin.*

Multa erudita ex Græca et Arabica lingua Salmasius hic repetit. Manna nomen notum fuisse ante Mosis tempora monet, et repetitum ab Hebræis ob similitudinem cum Manna Libani dudum cognita.—*Haller, Bibl. Bot., i, p. 445.*

1677. POSNER, C. De Manna. Jenæ, 4to.

1684. HOFFWENIUS, P. *De Manna. Resp. N. Clevbergius. Upsaliæ, 8vo, pp. 56.

1685. BACHOT, S. *An affectibus melancholicis Manna? Paris, 4to.

1701. SYGNATIUS, M. A. *De Manna. Harderov. 4to.

1725. HOFFMANN, F. De Manna ejusque præstantissimo in medicina usu. Halæ, 4to, pp. 34.

Omnes humores blanda vi educere, infantibus opportunissimum, senibus, prægnantibus saburram biliosam expurgare, malignis convenire catarrhis, hypochondriacis, renis morbis, cum aquis mineralibus conjungi optime. Variolis etiam dari posse.—*Haller, Bibl. Med. Pract., iii, p. 567.*

1725. BIELIZ, J. *De Manna, et speciatim de securo ac proficuo ejus usu in Variolis confluentibus. Præs. L. Heister.

Helmstadii, 4to, pp. 44. *Bibl. Acad. Edin.*

1725. MANGOLD, J. H. De Manna. Rinteln, 4to.

1740. SAILLY, P. F. DE. *De Manna. Lugd. Bat. 4to, pp. 38. *Bibl. Med. Soc. Lond.*

1761. EGHOLM, M. P. *De Manna. Hafniæ, 8vo.

1793. TRAINER, W. A. B. Examen chemicum Mannæ. Erlangæ, 8vo, pp. 32.

1849. ANDERSON, T. On a new species of Manna from New South Wales. Edin. 8vo.

The variety of manna here brought to notice is probably that collected in the form of small rounded opaque-white masses from the leaves and younger branches of *Eucalyptus viminalis*, *Labil.*, a common Australian tree. It does not appear to be applied to medicinal uses.

1854. GERLACH, E. *De Manniti vi et indole quædam Disquisitiones, ratione habita aliarum Mannæ partium.

Dorpati, 4to, pp. 32.

1856. WITTE, W. J. Meletemata de Sacchari, Manniti, &c., in organismo mutationibus. Dorpati, 8vo, pp. 36.

1869. HANBURY, D. Historical notes on Manna. (Ex. in *Pharm. Journ.*, xi, 1869, p. 326, and *Science Papers*, p. 355.)

A valuable contribution to the literature of manna, evidencing laborious research and an intimate acquaintance with the subject treated. Another paper, "On Calabrian Manna," by the same author (*Pharm. Journ.*, 1872, p. 421), contains an interesting record of his original observations in Calabria.

Manna of Scripture.

1694. OUTHOV, G. Exercitatio de Manna Israëlitarum. Groningæ, 4to.
1695. MUSÆUS, A. Manna Israëlitarum coelitus delapsa, differens ab omnibus Mannæ naturalis speciebus. Diss. phil. theol. philosophica. Hafniæ, 4to.
1706. MAJUS, J. H. Diss. de Manna duplici ex Scripturæ et naturæ libro occasione. Giessæ, 4to.
1743. HÖYBERG, W. *Diss. de cœlesti illo cibo Man dicto e Exod., xvi. Resp. F. Rossingius. Hafniæ, 4to, pp. 16. *Bibl. Banks.*
1744. WILHELM, H. DE. Diss. de Manna κεκρυμμενῇ. Lugd. Bat. 4to, pp. 43. *Bibl. Banks.*
1756. PONTOPPIDAN, J. *De Manna Israëlitarum. Resp. E. Lindegaard. Havniæ, 4to. *Bibl. Banks.*
1860. O'RORKE, —. Recherches sur la Manne des Hébreux. (Ex *Recueil des travaux de la Soc. d'Emulation pour les Sci. Pharmaceutiques*, iii.) Paris? 8vo, pp. 16.
1868. GILBERT, E. Œuvres diverses...suivies d'une dissertation sur la Manna du désert. Moulins, 8vo.

MASTIC. MASTICHE.

Pistacia Lentiscus, Linn.

1628. STROBELBERGER, J. S. Mastichologia seu de universa Mastiches natura diss. medica in qua et arboris Lentisci et nobilissimi ejus gummi-resinæ Mastiches, nomenclaturæ, descriptiones, loci natales, culturæ, qualitates, varietas, dignitas, electio, probatio, collectio, æstimatio, succedanea, utilitas ac inde parata medicamenta officinalia magistralia et artificialia describuntur. Lipsiæ, 8vo, pp. 109. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
- Lentiscum hactenus per singulas partes describit. Inde varia ex lentisco medicamenta recensit, &c....In mastiche immoratur, eam in Italia parce provenire adnotat, bonas notas addit, et colligendi modum, et demum medicamenta varia, quæ mastiche ingreditur.—*Haller, Bibl. Bot.*, i, p. 425.

MASTRANZO.

1860. GALDO, M. J. DE. Breve historia del Mastranzo, planta preconizada como uno de los especificos para combatir el Colera-morbo. Madrid, 4to, pp. 24.

MATICO.

Leaves of Artanthe elongata, Miq.

1844. JEFFREYS, T. Remarks on the efficacy of Matico as a styptic and astringent. Second ed. Liverpool, 8vo, pp. 37. Third ed. London, 1845. *Bibl. Lond. Pharm. Soc.*

It was through the medium of this brochure that the styptic powers of matico were first brought prominently to the notice of the profession in Great

Britain, but attention to it was called at a meeting of the Med.-Botanical Society of London, May 11th, 1827, when Mr. E. Handfield read a paper on a specimen of a plant called Mattica, presented by Mr. Hartshorne, of Chelsea Hospital. Several experiments on animals illustrating its styptic operation are mentioned in this communication.

M'BOUNDOU.

1870. PEYRI, E. T. *Recherches sur les effets toxiques du M'boun-dou (poison d'épreuve du Gabon). Paris, 4to.

For an account of this article, a poisonous root of the Gaboon, see *Brit. Med. Journ.*, August 27th, 1870.

MECHOACAN ROOT.

Root of *Ipomæa Jalapa*, Pursh.

1568. DONATI, M. De Mechoacanna liber. Mantuæ, 4to. Gallice cum titulo "De l'admirable vertu de la racine de Mechoacan proprement nommée Rhaindice, traduit par P. Tolet," Lyon, 1562, 8vo.

Bibl. Med.-Chir. Soc.; Radcliffe.

Ad practicos usus.—*Haller, Bibl. Bot.*, i, p. 341.

1570. MONARDES, —. *Vide* "Tabacum," 1570.

1587. DURANTE, C. Tractatus de usu radicis et foliorum Mechoacan. Antwerp, 8vo. *Bibl. Bodleian.*

1587. EVERARTUS, ÆGIDIUS. De usu et praxi radicis Mechoacana ex Hispania nova Indiæ Occidentalis nuper allatæ.

Antwerp, 12mo.

This and other tracts by the same author are appended to his work 'De Herba Panacea,' &c. *Vide* "Tabacum," 1583.

1595. GUARGUANTUS, H. Opuscula tria... 2 De Mechioacani Radice. Venetiis, 4to. *Bibl. Coll. Phys. Edin.*

Vide "Jalapæ Radix."

MEL.

Honey.

1625. HARTUNG, V. De Melle, &c. *Vide* "Lac," 1625.

1666. LANGIUS, —. De Melle ferculeo hygieiæ sacro. (*Miscell. Cur. Med.*) Lipsiæ, 4to.

1691. MOELLER, G. C. Diss. de Melle. Jenæ, 4to.

1711. EWALDT, B. Diss. de sanitate per Mel et oleum conservanda. Regiomonti, 4to.

1717. DUCERF, C. An senibus Mel? Resp. C. Delavigne.

Paris, 4to.

1720. DEPRÉ, J. F. Diss. de quinta essentia regni vegetabilis sive de Melle, vom Honig, &c. Erfordiæ, 4to, pp. 31. *Bibl. Banks.*

1724. MEL, F. P. Mel saccharo præstantius. Altdorfii, 4to.

1738. LANZONI, J. De Mellis præstantia et ejus usu apud veteres. (Redit in ejus *Opera Omnia*, vol. iii.) Lausannæ, 4to.

1759. (Anon.) The virtues of Honey in preventing many of the worst disorders. London, 8vo. *Bibl. Med.-Chir. Soc.*

1763. VENTURI, A. De Mellis origine et usu. Venetiis, 8vo.
1771. MARTINUS, A. T. *De Melle (in *Wasserberg*, Fasc. iv, pp. 37).
Enoponti, 4to. *Bibl. Acad. Edin.*
1805. FERRARA, F. Mem. sopra il Mele Ibleo e l'antica città di
Ibla Magara, &c. Palermo, 4to.
Ueber den Honig des Berges Hybla.—*Callisen*, vi, p. 242.
1810. FRIER, —. Recueil de Lettres, &c....4. Sur la manière de
varier les vertus médicamenteuses du Lait et du Miel.
Grenoble, 8vo.
1856. HOUDBINE, J. M. *Thèse sur le Miel. Paris, 4to.
1868. DE WERCHIN, —. Du Miel Phénique. *Vide* "Carbolic
Acid," 1868.

MELISSA OFFICINALIS, Linn.

Common Balm.

1739. SCHULZE, J. H. *De Melissa. Resp. G. D. Reuss.
Halæ, 4to, pp. 20. *Bibl. Linn. Soc.*; *Rudcliffe* (sub nom. Reuss).
Oleum dat æthereum ex seminibus etiam optimum. Aquæ plantæ immaturæ odorata est, absque oleo.—*Haller*, *Bibl. Bot.*, i, p. 145.
1864. SCHILLING, J. A. Die Münzen und Melissen insbesondere
als vorzügliche Haus- und Heilmittel gegen Hypochondrie und
Hysterie, &c. Augsburg, 12mo.

MELOE MAJALIS, Linn.

The Mayworm.

1778. SCHLEFFER, J. C. Abbildung und Beschreibung des Mayen-
wurmkäfers, als eines zuverlässigen Hülfsmittels wider den tollén
Hundsbiss. Regensburg, 4to, pp. 20, tab. col. i. *Bibl. Banks.*
1781. FRITSCH, —. Geschichte der Hundswuth, sammt den
Beobachtungen über die Wirkungen der Meloés majales, &c.
Wien, 8vo.
1783. UNGNAD, C. S. Der Maiwurm ein Mittel wider den tollén
Hundsbiss, &c. Züllichau, 4to.
1783. SCHWARTZ, C. *De Hydrophobia ejusque specifico Meloë
majali et proscarabæa. Præs. J. C. Kemme. Halæ, 8vo, pp. 36.
1788. DEHNE, J. C. C. Versuch einer vollständigen Abhandlung
dem Maywurme und dessen Anwendung gegen die Wuth und
Wasserscheu, &c. Leipzig, 2 vols. 8vo. *Bibl. Banks.*

MENTHA PIPERITA, Linn.

Peppermint.

1665. ANDLA, A. AB. Epistola de natura et viribus Menthæ.
Roterodami, 8vo.
1767. LAURIN, C. G. *Diss. de Menthæ usu. Præs. C. Linnaeus.
Upsaliæ, 4to, pp. 11. Idem in *Amæn. Acad.*, vii, p. 282.
Bibl. Linn. Soc.; *Banks.*
- The concluding sentence of this thesis shows the exaggerated opinion the

author entertained of this article. "Hinc ut opinor egregius plane *Menthae* usus patet in hysteria, colica, menorrhagia, bubonibus mammarum, leucorrhœa, surditate, calculo, asthmate, vomitu, tussi convulsiva, et quod humores solvat, lactis coagulationem impediat; emmenagogum sit, stomachicum, ructans, antaphrodisiacum vulneratis noxium, ac somnum arcens"!

1780. KNIGGE, T. **De Mentha Piperitide commentatio botanico-medica.* Erlangæ, 4to, pp. 40, tab. i.
Bibl. Linn. Soc.; Banks; Coll. Surg. Lond. (1770?)
1864. SCHILLING, J. A. Die Münzen gegen Hypochondrie und Hysterie. *Vide* "Melissa," 1864.
1868. ROZE, L. La Menthe Poivrée, sa culture en France, ses produits, falsifications de l'essence et moyens de la reconnaître.
 Paris, 12mo, pp. 48.
1874. DELIOUX DE SAVIGNAC, —. L'Essence de Menthe et ses propriétés antalgiques.
 Paris, 8vo, pp. 10.

MESEMBRYANTHEMUM CRYSTALLINUM, Linn.

Ice Plant.

1785. LIEB, J. W. F. Die Eispflanze (*Mesembryanthemum crystallinum*, L.) als ein fast spezifisches Arzneimittel empfohlen.
 Hofrath, 8vo, pp. 16. *Bibl. Banks.*
- The ice plant lauded as a cholagogue and diuretic. See *Duncan's Med. Commentaries*, xii, 1788, p. 135.

MENYANTHES TRIFOLIATA, Linn.

Buckbean, Marsh Trefoil.

1700. SCHROER, J. C. *Scrutinium medicum de natura et viribus Trifolii fibrini.* Gubenæ, 8vo.
1701. FRANKE vel FRANCUS, J. *Trifolii fibrini historia selectis observationibus et perspicuis exemplis illustrata.*
 Francofurti, 8vo, pp. 64. *Bibl. Banks.*
- Description, vires medicæ multis experimentis confirmata; ad capitis dolores, infarctus pulmonum, icterum, alia mala.—*Haller, Bibl. Bot.*, i, p. 635.
1716. EYSEL, J. P. **Trifolium fibrinum.* Resp. C. F. Friese.
 Erfordiæ, 4to, pp. 20. *Bibl. Banks.*
1718. BOKELMANN, J. F. **De Trifolio paludoso seu fibrino.*
 Lugd. Bat. 4to, pp. 13. *Bibl. Banks.*
1724. ELFWING, P. **De Trifolio aquatico.* Resp. L. Brodin.
 Aboæ, 8vo, pp. 29. *Bibl. Banks.*
1797. KIELLMAN, C. J. **Diss. de usu Menyanthidis trifoliatæ.*
 Præsid. C. P. Thunberg. Upsaliæ, 4to (in *Thunberg's Diss. Upsal.*, i, p. 201). *Bibl. Linn. Soc.; Coll. Surg. Lond.*

METHYLENE, Bichloride of.

1867. RICHARDSON, B. W. On Bichloride of Methylene as a general anæsthetic. (Ex. in *Med. Times and Gaz.*, vol. i, 1867, pp. 423, 479, 559, 693.)

A full and able exposition by its discoverer, of the bichloride of methylene, its properties and uses.

1869. FOURDES et HEPPE. Essai d'une nouvelle anesthésique, le Bichlorure de Méthylène. Strasbourg, 8vo, pp. 16.
1871. ROSSI, P. Risultamenti ottenuti nella Scuola di Chirurgia della regia Università di Padova collo Biclورو di Metilene quale anestetico generale. Padova, 8vo, pp. 15.

The author gives an accurate account of the discovery of the bichloride of methylene by Richardson in 1867, and its first employment in a surgical operation by Mr. Spencer Wells, in November of the same year. Since July, 1868, we are informed it has entirely replaced chloroform and ether as a general anæsthetic in the University of Pavia. In minor operations, however, local anæsthesia by ether spray is preferred. Due praise is awarded in this pamphlet to Mr. Spencer Wells.—*Medical Times and Gaz.*, Aug. 19th, 1871, p. 234.

MIKANIA GUACO, Humb. et Bonpl.

Guaco or Huaco.

1832. PEREYRA, E. L. Essais faits à Bordeaux de la plante Huaco dans le traitement du Cholera morbus. Paris, 8vo, pp. 68, tab. i. Spanish transl. by J. R. Pacheco, Paris, 1833, 8vo, pp. 51, tab. i. *Bibl. Med.-Chir. Soc.*

1844. PETTENKOFER, M. *Ueber die Mikania Guaco. München, 8vo, pp. 42.

1853. CHABERT, J. L. Du Huaco et de ses vertus médicinales. Paris, 8vo, pp. 128.

Has especial reference to the employment of guaco as a remedy in cholera.

1861. PASCAL, N. Du Guaco, et des effets prophylactiques et curatifs dans diverses formes des Maladies Vénériennes. Paris, 8vo, pp. 24.

1863. PASCAL, N. Du Guaco et des effets prophylactiques et curatifs dans les Maladies Vénériennes. Influence de l'alcoolé du Guaco dans le pansement des plaies gangréneuses, pseudo-membraneuses, du phlegmon diffus, des ulcères variqueux, &c. Paris, 8vo, pp. 40.

1868. BONNIÈRE, A. Notice sur le Guaco et ses préparations hygiéniques et pharmaceutiques; résumé complet des travaux publiés sur cette plante depuis Mutis (1787) jusqu'à nos jours. Paris, 18mo, pp. 80.

MILLEFOLIUM. Vide "Achillea Millefolium."

MOLYBDENUM.

1825. GMELIN, C. G. Versuche über die Wirkung. des Baryts...
Molybdäns, &c., auf d. thierisch. Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. Lond.

See *Edin. Med. Surg. Journ.* xxvi, 1826, p. 134. Vide "Metals," 1825.

MOMORDICA BALSAMINA, Linn.

Balsam Apple, Cerasse.

1719. SLEVOGT, J. A. *De Momordica, Jenæ, 4to, pp. 12.
Bibl. Banks.
1720. FRANKE vel FRANCUS, J. Thappuah Jeruschalmi, seu Momordicæ descriptio medico-chirurgico-pharmaceutica, &c. Ulmæ, 8vo, pp. 76, tab. i. *Bibl. Med. Soc. Lond.; Banks.*

De figuris auctorum (ubi male ait momordicam a Rivino depictam qui eam classem non adtigat). Laudat potissimum oleum infusum ad ulcera et ambusta. —Haller, *Bibl. Bot.*, i, p. 635.

MONESIA.

Bark of Chrysophyllum Buranheim, Riedel.

1839. DEROSNE, B., et HENRY, O. Tableau synoptique présentant l'essai analytique, l'indication de quelques préparations pharmaceutiques et les propriétés médicinales d'une substance végétale nouvellement importée de l'Amérique du Sud et connue sous le nom de Monesia. Paris. Un grand tableau in folio.

Wonderful virtues are ascribed by the author to this substance. Scrofulous affections generally, hæmoptysis, phthisis (!), debility of the stomach, diarrhoea, leucorrhœa, menorrhagia, blenorragia, purulent ophthalmia, hæmorrhoids and ulcers, are amongst the affections in which it is chiefly lauded. See *Med.-Chir. Rev.*, July, 1840, p. 174. For a short abstract of this work see *Dublin Med. Journ. Sci.*, xviii, 1841, p. 127 *et seq.* Beyond being an astringent it has no special virtues; it has fallen into disuse.

1841. DEROSNE, B., HENRY, O., et PAYEN, J. T. Examen chimique et médical de Monesia. Paris, 8vo, pp. 64.

This analysis is reproduced by Pereira, *Mat. Med.*, vol. ii, p. i, p. 692.

MONNINA POLYSTACHYA.

1805. RUIZ, H. Memoria de las virtudes y usos de la raíz de la planta llamada Yallhoy (Monnina polystachya) en el Perú. Madrid, 4to, pp. 35, tab. i.

MORPHIA.

Including the Acetate Hydrochlorate and other Salts.

1820. HOPPE, J. G. *Diss. de Morphio et Acido Meconico. Lipsiæ, 4to, pp. 25. *Bibl. Coll. Surg. Lond.*

1822. MAGENDIE, F. Formulaire pour la préparation et l'emploi de la Noix Vomique, la Morphine, &c. Paris, 8vo. English transl. by C. T. Haden, London, 12mo, 1823. Appendix to ditto by Dunglison, 1824. German transl. by G. Kunze, Leipzig, 8vo, 1822 and 1831. *Bibl. Med.-Chir. Soc.*
1823. STRATINGH, S. Scheikundige verhandelinge over de Morphine, en andere hoofdbestanddeelen des Opiums, &c. Gröningen, 8vo, pp. 186. *Bibl. Roy.*
1823. MONTMAHON, E. S. DE. Considérations médico-légales sur une accusation d'empoisonnement par l'Acétate de Morphine. Paris, 8vo, pp. 55. *Bibl. Coll. Surg. Lond.*
 For this author's further researches on morphia poisoning see his *Manuel Médico-légal des Poisons*, Paris, 1824.
1824. DEGUISE, DUPUY et LEURET, MM. Recherches et expériences sur les effets de l'Acétate de Morphine. Paris, 8vo. *Bibl. Coll. Surg. Lond.*
1824. VASSAL, P. G. Considérations médico-chimiques sur l'Acétate de Morphine, suivies d'analyses, &c., par Dublane jeune. Paris, 8vo, pp. 112. *Bibl. Coll. Surg. Lond.*
1824. DESPORTES, E. H. Recherches expérimentales sur l'empoisonnement lent par l'Acétate de Morphine. Paris, 8vo, pp. 16
1825. HENELLE, —. *Diss. sur le principe de Derosne et la Morphine. Paris, 4to.
1825. NIELAND, J. J. *Diss. sistens Opii et Morphini effectum comparisonem. Berol. 8vo, pp. 54.
1826. POLLI, A. *De Morphiæ usu in oculorum morbis. Patavii, 8vo, pp. 15.
1827. LEVASCHER DE BOISVILLE, F. S. *Diss. sur la Morphine ou principe actif de l'Opium. Paris, 4to.
 Callisen assigns 1817 as the date of this thesis, but I have thought it advisable to retain that (1827) given by Mérat and De Lens, as being probably the more correct of the two.
1828. KINDSCHER, F. L. E. *De Morphio. Berol. 8vo, pp. 23.
1828. RICOTTI, M. Saggio d'osservazioni sull' Acetato di Morfino. Voghera, 8vo, pp. 212. *Bibl. Coll. Surg. Lond.*
1830. BARDSLEY, J. L. Hospital Facts and Observations; on Strychnia, Acetate of Morphia, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
1830. ROBERTSON, M. On the medicinal effects of the salts of Morphia, with the method of preparing them. Edin. 8vo. *Bibl. Med. Soc. Edin.*
 See also *Edin. Med. Surg. Journ.*, xxxvii, 1832, p. 278—293.
1832. CHEYNE, G. *De actione Morphiæ. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1836. RAY, E. *Réflexions sur le Rhumatisme Articulaire et sur l'emploi de l'Hydrochlorate de Morphine d'après la méthode endermique, &c. Montpellier, 8vo.

1837. LECONTE, J. M. *Emploi thérapeutique du Chlorhydrate de Morphine. Paris, 4to.
1838. KOSTIN, E. VON. Ueber das essigsäure Morphinum, dessen Wirkung und Anwendung am Krankenbette und seine Bereitungsart. München, 8vo, pp. 20.
1840. BUGGE, F. W. *De Morphio. Berol. 8vo, pp. 29.
1843. ROUGIER, L. A. De la Morphine administrée par la méthode endermique dans quelques Affections Nerveuses. Lyon, 8vo, pp. 191. *Bibl. Med.-Chir. Soc.*
1845. POMA, F. Preparazioni del Sulfato di Morfina, della Morfina pura, dell' Acetato di Morfina e della Narcotina. Gallarate, 8vo.
1856. SMITH, E. On the efficacy of small doses of Morphia as opposed to the use of expectorants in the treatment of Hooping Cough, Chronic Bronchitis, and Phthisis. (Ex *Edin. Med. Journ.*, vol. 1, 1856, p. 1001.) Edin. 8vo. *Bibl. Med.-Chir. Soc.*
1857. FORDOS, J. Dosage de la Morphine dans l'Opium. Paris, 8vo, pp. 7.
1858. BERTHÉ, —. Examen critique des divers procédés qui ont été proposés pour doser la Morphine de l'Opium. Paris, 8vo, pp. 10.
1861. LEFORT, J. Études chimiques et toxicologiques sur la Morphine, suivies d'observations sur son passage dans l'économie animale. Paris, 8vo, pp. 24.
1869. TERSON, —. Des Injections sous-cutanées de Morphia dans les Affections douloureuses des Yeux. Toulouse, 8vo, pp. 11.
1871. BOECK, H. VON. Untersuchungen über die Zersetzung des Eiweisses im Thierkörper unter dem Einflusse von Morphinum, Chinin und arsen. Säure. München, 8vo, pp. 52.
1872. LAWSON, H. Sciatica, Lumbago, and Brachialgia; their nature and treatment, and their immediate relief and rapid cure by hypodermic injection of Morphia. London, 8vo, pp. 200.

The book is divided into ten parts; the first seven are devoted to sciatica and its treatment, the eighth and ninth to lumbago and brachialgia, and the tenth to a sketch of the literature of these subjects. The work commends itself not only by its great practical value and pleasant style but also by the wholesome absence of wild hypothesis. Although all plans of treatment are discussed, the true and almost the only remedy for sciatica—the hypodermic injection of minute quantities of morphia—is especially dwelt upon. To this mode of treatment the author owes his own cure, and he dwells on it with a natural gratitude. All he writes on this part of the subject is expressed with a care and earnestness which carry authority, and the sixteen cases (including his own) which are appended bear the strongest testimony in favour of morphia thus administered.—*Brit. and For. Med.-Chir. Rev.*, July, 1872, p. 152—155.

1872. CROMBIE, J. M. A new and easy method for the Subcutaneous application of Morphia, without the pain, risk, and expense of the hypodermic syringe. London, 8vo, pp. 16.

"This new and easy method" consists in "the use of small threads coated with the requisite quantity of morphia, which are inserted by means of fine

needles into a fold of skin pinched up between the finger and thumb. Theoretically, the plan is ingenious and excellent. The practical difficulty that we would fear is the risk of the morphia either not getting to the wound by being rubbed off the thread or being so well incorporated with the thread as not to be dissolved out of it during the time it is retained, which is to be from three to five minutes."—*Edin. Med. Journ.*, December, 1873, p. 551.

1873. KRATSCHMER, —. Über Zucker- und Harnstoffausscheidung beim Diabetes mellitus unter dem Einflusse von Morphem, kohlensauren, und schwefelsauren Natron.

Wien, 8vo, pp. 60, chromo-lith. tab. i.

1874. VOISIN, A. Du traitement curatif de la Folie par le Chlorhydrate de Morphine. Paris, 8vo, pp. 54.

1875. BENNETT, J. H. On the Antagonism between Meconate of Morphia and Calabar Bean, Sulphate of Atrophia, Theine, Caffeine, Guaranine, Infusion of Tea, and Infusion of Coffee. See "Medicines, Properties of," 1875.

1875. VOISIN, A. Traitement de la Folie par les injections sous-cutanées d'Acétate et de Chlorhydrate de Morphine tel qu'il est pratiqué à Illenau. Paris, 8vo, pp. 12.

See also "Opium."

MORRHUÆ OLEUM. OLEUM JECORIS ASELLI.†

Cod-Liver Oil.

1826. REDEB, A. A. *De Oleo Jecoris Aselli. Rostochii, 8vo, pp. 24.
1826. SPARMAAN, C. F. *De Oleo Jecoris Aselli. Rostochii, 8vo, pp. 31.
1826. ELBERLING, C. G. *De Oleo Jecoris Aselli. Berol. 8vo, pp. 29.
1827. POTEMPA, A. *Diss. de Oleo Jecoris Aselli. Lipsiæ, 8vo, pp. 40.
1831. WEBER, F. *De Oleo Jecoris Aselli. Ratisbonæ, 8vo, pp. 31.
1832. GALAMA, S. J. Verhandelng over de Levertraan. Utrecht, 8vo.
1835. BEEFELD, F. Der Stockfisch-Leberthran in naturhistor-chem-pharmac. Hinsicht, besondere über seine Heilwirkungen in rheumatischen und scrophulösen Krankheitsformen. Hamm, 8vo, pp. 164.
1837. GOUZÉE, H. P. Observations sur l'emploi et les usages thérapeutiques de l'Huile de foie de Raie et de Morue. Bruxelles, 8vo.

† In the *London Medical Gazette*, January 5th, 1839, p. 527, in 'Stray Notes from Berlin,' is an article headed thus:—"OLEUM MORRHUÆ or OLEUM JECORIS ASELLI—OIL OF THE LIVER OF THE ASS"!!! and the erudite correspondent says further that it is unknown to what ingredient "Ass's-liver Oil" owes its efficacy, but by some it is supposed to be to a small quantity of creasote!!

1840. LUDWIG, C. *De Olei Jecoris Aselli partibus efficacibus.
Marburgi, 8vo, pp. 48.

1841. BENNETT, J. HUGHES. Treatise on the Oleum Jecoris Aselli or Cod-Liver Oil as a therapeutic agent in Gout, Rheumatism, and Scrofula. London, 8vo, pp. 180. *Bibl. Med.-Chir. Soc.*

The first notice of cod-liver oil as a remedy in chronic rheumatism is in a communication from Dr. T. Percival, read to the Medical Society, Oct. 7th, 1782, to which is appended a letter from Dr. Robert Darbey, of Manchester, dated Feb. 12th, 1782, giving an account of its accidental introduction into the Manchester Infirmary about ten years previously. Both letters are in the *London Medical Journal*, iii, 1783, pp. 392—401. It never, however, seems to have come into general use, and little attention was paid to it until after the publication of the above work by Professor J. Hughes Bennett, to whom is due the credit of procuring for it a high place amongst the articles of the *Materia Medica*. "In this work the author has brought together a great mass of evidence from German and other Continental sources as to its value as a therapeutic agent, and to this he has added a large number of illustrative cases. It is a very meritorious brochure, evincing great assiduity and research."—*Med.-Chir. Rev.*, April, 1843, p. 470.

1842. HIRTZ, A. *Emploi thérapeutique de l'Huile de foie de Morue.
Strasbourg, 4to.

1842. KLENCKE, P. F. H. Der Leberthran als Heilmittel, auf Grundlage vielfacher Thatsachen und Versuchen an Thieren, vom physiologisch-pathologischen Standpunkte dargestellt.
Leipzig, 8vo, pp. 127.

Although professedly an inquiry into the therapeutical merits of cod-liver oil, yet it actually proves to be rather an incidental and secondary one, the physiological disquisitions on digestion being the principal both as regards the attention and space allotted to them.—*Brit. and For. Med. Rev.*, October, 1842, p. 442.

1842. PANCK, E. Beobachtungen über den Leberthran, besonders in seiner Anwendung gegen scrophulöse Krankheitsformen. (Ex. in *Zeitschrift für die gesammte Medicin*, xx, part iii, 1842.)
Hamburg, 8vo, pp. 41.

Adduces strong testimony in favour of this remedy in a variety of diseases, but chiefly in those of a strumous character....a useful practical dissertation, without containing anything very new or calling for particular notice.—*Brit. and For. Med. Rev.*, October, 1842, p. 445.

1843. GODEFROI, M. J. De Levertraan als huismiddel.
Hertogenb. 8vo.

1843. PETSCH, C. A. *De usu Olei Jecoris Aselli in Morbis Ossium cum observationibus de spondylarthrocacc cervicali rheumatica.
Fontibus Mattiacorum, 8vo, pp. 38.

1843. JONGH, L. J. DE. Disquisitio comparativa chemico-medica de tribus Olei Jecoris Aselli speciebus. Lugd. Bat. 8vo. English transl. by Dr. E. Carey, London, 8vo, pp. 176. Dutch transl. ? Gravenhorst, 1848, 8vo. (*Vide* "1853.")

Bibl. Med.-Chir. Soc.

1846. MEESEN, L. De la Phthisie Pulmonaire, &c...ainsi que sur l'emploi du Liehen d'Island, de l'Huile de foie de Morue, &c., dans cette maladie.
Gand, 12mo.

1849. First Medical Report of the Hospital for Consumption and Diseases of the Chest, Brompton. London, 8vo.

Bibl. Med.-Chir. Soc.

An interesting document, containing the clearest evidence of the value of cod-liver oil in consumption. The medical officers of the institution, Drs. Hamilton Roe, Theophilus Thompson, G. Cursham, R. P. Cotton, R. Quain, and J. Bowie, thus express themselves in reference to the medicinal properties of cod-liver oil:—"From these facts, and a more extended experience since the period at which this report terminates, no other conclusion can be drawn than that cod-liver oil possesses the property of controlling the symptoms of pulmonary consumption, if not of arresting the disease to a greater extent than any other agent hitherto tried" (p. 41).

1849. RAYNER, J. Cod-Liver Oil; its uses, mode of administration, &c. London, 12mo, pp. 16.

This pamphlet is simply a notice of the therapeutic value of cod-liver oil, the diseases in which it has been employed, and the authorities by whom it has been recommended.—*London Med. Gazette*, July 19th, 1850, p. 160.

1850. TURNBULL, J. An inquiry how far Consumption is curable, with observations...on the use of Cod-Liver Oil and other remedies. Second ed. ? London, 8vo, pp. 106.

Bibl. Med.-Chir. Soc.

A useful treatise, containing clinical information on the comparative value of several remedies, and, above all, of cod-liver oil; the histories of thirteen cases of phthisis, treated with it, are subjoined.—*Edin. Med. Surg. Journ.*, lxxiv, p. 201.

A modest unpretending volume, which is conceived and executed in a right philosophical spirit and constitutes a really valuable addition to the literature of consumption.—*Brit. and For. Med.-Chir. Rev.*, January, 1851, p. 175.

1850. ESCALLIER, Dr. Diss. sur l'emploi de l'Huile de foie de Morue dans quelques affections chroniques (scrofules, phthisie pulmonaire, &c.). Paris, 8vo.

1851. PERRIN, M. C. *De l'Huile de foie de Morue, et de ses effets dans la Phthisie pulmonaire. Paris, 4to, pp. 42.

1852. HOMOLLE, A. Rapport fait à la Société Médico-pratique sur la question de prix pour l'année 1852, de l'Huile de foie de Morue et de son usage en médecine. Paris, 8vo, pp. 40.

1853. DE JONGH, L. J. L'Huile de Foie de Morue, envisagée sous tous les rapports comme moyen thérapeutique, &c.

Paris, 8vo, pp. 257.

"Our opinion of Dr. de Jongh's work may be thus briefly summed up. We consider it a very complete monograph on the subject, and also that the views of the various authors are fairly stated. We regard his analyses of the different varieties of oil as valuable, inasmuch as they put us in possession of many important data in reference to its chemical constitution; but at the same time we unhesitatingly affirm that some of the conclusions which he has drawn are not warranted by the analyses themselves; and the same applies with greater force to the deductions from the therapeutic data." These remarks apply solely to the above work, and not to a small pamphlet on the same subject professedly by Dr. de Jongh; in it gross errors and misstatements are put forth.—*Brit. and For. Med.-Chir. Rev.*, January, 1856, p. 26.

1853. PERSONNE, J. Recherches sur les Huiles de foie de Morue et leur substitution par l'huile Iodée. Paris, 8vo, pp. 16.

1853. TAUFFLIEB, E. De l'huile de foie de Morue et de son usage en Médecine. Paris, 8vo, pp. 96. Ouvrage couronné. See also "Dubois," 1861, *infra*.

In the works of Taufflieb and De Jongh will be found an excellent *résumé* of the class of cases, with examples, in which cod-liver oil has proved most beneficial.—*Edin. Monthly Journ. of Med. Sci.*, April, 1853, p. 321.

1853. MEYER, F. *De Oleo Jecoris Aselli. Kilise, 8vo, pp. 13.

1854. THOMAS, E. A. *De l'Huile de foie de Morue. Paris, 4to, pp. 40.

1855. HOGG, T. P. Étude pharmaceutique et médicale sur l'Huile de foie de Morue. Paris, 8vo, 2nd ed. ? 1856.

1855. MALMSTEN, P. H. Om Oleum Jecoris Aselli, &c. Stockholm, 8vo, pp. 8.

1856. BERTHÉ, —. Des Huiles de foie de Morue médicinales et des raisons qui militent en faveur de l'emploi thérapeutique de l'huile brune. Paris, 8vo, pp. 16.

1856. HOGG, T. P. Étude sur l'Huile de foie de Morue naturelle, ou du meilleur procédé d'extraction de cette substance destinée aux usages de la médecine. Paris, 8vo, pp. 116.

1856. COLLAS, A. Note sur l'emploi médical et chirurgical de l'Huile de foie de Requin. Paris, 8vo.

1857. DERNAS, E. *De l'Huile de foie de Morue considérée au point de vue thérapeutique. Montpellier, 4to, pp. 30.

1858. JACQUEMENT, —. Premier Mémoire sur l'Huile de foie de Morue ferrugineuse. (Ex *Gaz. Méd. de Lyon*.) Lyon, 8vo, pp. 8.

1860. WILLMOTT, W. B. Glycerine and Cod-Liver Oil, their history, introduction, and therapeutic value. *Vide* "Glycerine." London, 12mo, pp. 197.

In the latter portion of the work the author enters into the consideration of cod-liver oil, its history, manufacture, and medicinal uses. He states at length the opinions as to its *modus operandi* entertained by numerous writers, and wisely abstains from propounding any theory of his own.—*Medical Times and Gaz.*, October, 1860, p. 361.

1861. DUBOIS, F. De l'Huile de foie de Morue et de ses succédanés. Tournai et Paris, 8vo, pp. 296.

In 1853 the Academy of Medicine of Paris offered a prize for the best essay on the therapeutic uses of cod-liver oil. This was awarded to Dr. Taufflieb (*antè*), but high encomiums were passed on the essay of Dr. Dubois, which ranked next on the list; this, enlarged, constitutes the present work. The first part consists of an historical account of the advantages derived from the use of fatty substances, and their physiological effects upon the system. The second part treats of the preparation, uses, &c., of cod-liver oil; and the third of a study of its substitutes. The author considers it established by numerous experiments that in rickets and caries of the bones vegetable oils, especially poppy oil, sometimes prove as efficacious as cod-liver oil itself. With regard to the varieties of cod-liver oil, he thinks that one should be selected which is the least disagreeable to the palate of the patient, as being most likely to be easily assimilated, and hence prove most beneficial.—*Journ. Pract. Med.*, English ed., 1861, p. 283.

1861. LE THIÈRE, —. Communications pratiques, particulièrement sur l'emploi thérapeutique de la poudre d'Huile de foie de Morue. Paris, 8vo, pp. 31.
1861. E. E. A. On Ozonized Cod-liver Oil. Second ed. London. *Bibl. Manchester Med. Soc.*
1863. DESPONT, E. Traitement de l'Héméralopie par l'Huile de foie de Morue à l'intérieur. Paris, 8vo, pp. 63.
1864. GOURBEIL, J. Héméralopie endémique des pays chauds, à bord des navires,...traitement par l'Huile de foie de Morue à l'intérieur. Rochefort, 8vo, pp. 11.
1864. LUMIER, L. Formole per l'amministrazione dell' Olio di Fegato di Merluzzo e delle preparazioni bromo-iodurate, comunicate e tradotte del Cav. G. Sannicola. Naples, 8vo.
1864. BAZZONI, C. Sul valore terapeutico dell' Olio di Fegato di Merluzzo. Milan, 8vo.
1869. COURVAL, O. DE. Remarques sur le traitement topique de la Carie par l'Huile de foie Morue blonde et l'essence térébinthine. Paris, 8vo, pp. 32.
1869. LAUGIER, B. *Des indications thérapeutiques de l'Huile de foie de Morue. Montpellier, 4to, pp. 42.
1870. DESPINOX et GAVREAU, MM. Des eaux et des extraits de Foie de Morue et de leurs propriétés médicinales. Paris, 8vo, pp. 32.

MOSCHUS.

Musk.

1585. ALBERTUS, S. *Orationes tres...2. De Moschi natura et efficacia. Norimbergæ, 12mo. *Bibl. Med.-Chir. Soc.; Banks.*
1594. ALBERTUS, S. Oratio de Moscho. Wittemburgæ, 4to.
1613. —. Tractatus novi varii. 1. D. ULTRALÆI, Tr. an Puerperæ liceat exhibere Moschum. 2. C. HERLS, Examen ejus tractatus. 3. P. LANSBERGII, Disputatio epistolaris cum Middleburgensibus de Moscho. 4. C. HERLS, Responsio ad apologiam J. Lambergii pro suo parente et Ultralæo. 5. H. SMALLEGRANGE, Examen questionis an Puerperæ Moschum exhibere possit. 6. Medicorum Middleburgensium epistola apologetica. Middleburgii, 8vo.
- Some of these tracts, all having reference to the use of musk in the puerperal state, appear to have been published separately. See *Haller, Bibl. Med. Pract.*, ii, p. 432.
1628. PUTEO, Z. à. Hist. de Gumma Indica, &c....An in hystericis affectibus odorata, nempè Muscum et Ambram per os exhibere conveniat. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*
1667. SCHENCK, T. *Exercitatio de Moscho. Resp. L. Schroeck. Jenæ, 4to, pp. 89, cum fig. *Bibl. Banks.*

1682. SCHROECK or SCHRÖCKIUS, L. *Historia Moschi*. August. Vindelic. 4to, pp. 224, plates.

Bibl. Linn. Soc.; Coll. Phys. Edin.

An elaborate essay, divided into forty-seven chapters, in each of which musk is considered from so many different points of view. Although bearing evidence of laborious research, much of the information contained in it is apocryphal and obsolete.

1750. GMELIN, P. F. (?) *Diss. de specifico antidoto novo adversus effectus morsus canis rabidi*. Tübingæ, 4to.

The new specific antidote here proposed is musk.—*Ploucquet*.

1755. MORANDI, M. *Della cura preservativa della Rabie canina*. Loc. ? 8vo.

In favour of the powers of musk.

1764. DALBY, J. *The virtues of Cinnabar and Musk against the Bite of a Mad Dog*. Birmingham, 4to. *Bibl. Med.-Chir. Soc.*

1776. TROMMSDORF, G. B. *Programma de Moscho*. Erfordii, 4to.

1780. WALL, J. *Medical Tracts: on Musk in Convulsions, etc*. Oxford, 8vo. *Bibl. Med.-Chir. Soc.*

1783. TRALLES, B. L. *De limitandis laudibus et abusu Moschi in medela morborum dissertatio*. Breslau, 8vo. German transl. by M. H. Mendel, Breslau, 1804. *Bibl. Med. Soc. Lond.*

1784. REINICK, G. G. **Momenta quædam de Moscho naturali et artefacto*. Jenæ, 4to, pp. 47. *Bibl. Banks.*

1784. WERNER, J. B. **De Moscho*. Gottingæ, 4to, pp. 60. *Bibl. Banks.*

1786. LINCK, J. W. **Historia naturalis Castoris et Moschi*. Resp. F. A. Düor. Lipsiæ, 4to, pp. 28, tab. ii. *Bibl. Banks.*

1790. GROS, B. F. **De Moscho*. Tübingæ, 8vo, pp. 27. *Bibl. Coll. Surg. Lond.*

1802. EASTBERG, P. A. *Examen indolis et intensitatis virium quas possident medicamentaria frequentissimo usu inservientia; de quibus maxime disceptivum est Opium, Moschus, Camphora*. Hafniæ, 8vo.

1804. MENDEL, M. H. *Die Heilkraft des Moschus*. A translation from the Latin of B. L. Tralles (*antè*). Breslau, 8vo.

1811. KAPP, G. L. K. *Ueber einige Wirkungen des Moschus in den Krankheiten der Menschen*. Nürnberg, 8vo.

1812. WINCKLER, J. H. **De viribus et usu Moschi*. Præs. J. H. Engelhart. Lundæ, 4to.

1826. MILITZER, J. G. **De nonnullis Moschi, Muriatis Oxyduli Hydrargyri mitis, et Muriatis Oxyduli Ferri in organismo sano effectibus*. Erlangen, 8vo, pp. 36.

1830. BIERKOWSKI, L. J. VON. **Moschi historia naturalis et medica*. Lipsiæ, 8vo, pp. 56.

1830. KOCH, G. A. **De Moscho*. Pesthini, 8vo, pp. 25.

1835. KÜHN, C. G. *Moschi Antiquitates*. Lipsiæ, 4to, pp. 15.

1852. HEUSINGER, C. F. Meletemata quædam de antiquitatibus Castorei et Moschi. Marburg, 4to, pp. 31.

1870. DELIOLUX DE SAVIGNAC, —. Étude sur la valeur comparée du Musc et de l'Acétate d'Ammoniaque dans le traitement des Pneumonies graves. Mémoire présenté à l'Acad. de Méd. (Ex. in *Bull. de l'Acad. de Médecine*, 1870, t. xxxv, p. 883.)

MUCUNA PEURIENS, DC.

Cowhage.

1784. CHAMBERLAINE, W. A practical treatise on the efficacy of Stizolobium or Cowhage internally administered in diseases occasioned by Worms. London, 8vo. Tenth ed. (the last?), London, 1812, 8vo, pp. 108. German transl. Altenberg, 1786, 8vo. *Bibl. Med.-Chir. Soc.* (ed. 1812).

A practical work, containing a sufficient number of cases to prove the efficacy of the remedy as well as the safety with which it may be administered. — *Med Phys Journal*, iv, 1800, p. 269. The name Stizolobium employed in the title-page is that applied to the cowhage plant by Dr. Browne in his 'Natural History of Jamaica,' p. 77.

1813. SINCLAIR, G. *De viribus anthelminticis Groffrææ inermis et Dolichi prurientis. Edin. 8vo.

MUSCUS TERRESTRIS. Vide LYCOPodium CLAVATUM.

MUSENNA BARK.

1851. MEYER-AHRENS, C. Die Blüten des Kossobaumes, die Rinde der Musenna, &c. Zurich, 8vo, pp. 91. See "Anthelmintics."

MUSA SAPIENTUM, Linn.

Plantain, Banana.

1814. DESVAUX, N. A. Essai sur l'histoire botanique, médicale et économique des Bananiers. (Ex. in *Journ. de Bot.*, vi, p. 1.) Paris.

MYRRH.

Gum-resin of Balsamodendron Myrrha, Ehrenb.

1597. GUIBERT, N. Assertio de Murrhinis, sive de iis quæ Murrhino nomine exprimuntur, adversus quosdam de iis minus rectè disserentes. Francof. 8vo. Idem, Romæ, 1752, 8vo.

Agit de myrrha, de vino myrrhato, de benzoïno; negat pocula myrrhina facta fuisse ex benzoïno, et benzoïn a myrrha differre docet. — *Haller, Bibl. Bot.*, i, p. 390.

1608. GRETSCHER, J. Mantissa de Vino Myrrhato et vasis Murrhinis. Ingolstadii, 4to.

1668. MAJOR, J. D. *De Myrrhâ. Kilonia, 4to.

1676. FASCHIUS, A. H. *De Myrrhâ. Resp. S. A. Beckerus. Jenæ, 4to, pp. 18. *Bibl. Banks.*

1688. POLISIUS, G. S. *Myrrhologia seu Myrrhæ disquisitio curiosa*. Norimbergæ, 4to, pp. 239. *Bibl. Banks.*

Maxima collectio omnium formularum, quas unquam myrrha ingressa fuisse. — *Haller, Bibl. Med. Pract.*, iii, p. 433.

1746. CARTHEUSER, J. F. *Diss. de eximia Myrrhæ genuinæ virtute medica*. Francof. ad Viad. 4to. Redit. in ejus "Dissertationes Selectæ," Francof. 1775, 8vo, p. 28-55. *Bibl. Banks.*

1770. COOKE, J. *The natural history of Lac, Amber, and Myrrh, with a plain account of the very many excellent virtues these three medicinal substances are naturally possessed of*. London, 8vo. *Bibl. Med.-Chir. Soc.*

1815. STACKHOUSE, J. *Extracts from modern authors respecting the Balsam and Myrrh trees*. Bath, 8vo, tab. iii. *Bibl. Linn. Soc.*

1818. AFZELIUS, A. *De origine Myrrhæ controversa*. Resp. D. Malmberg. Upsaliæ, 4to, pp. 16. Alt. ed. Upsal. 1825-29, 4to. pp. 40. *Bibl. Linn. Soc.*

A learned little essay, in which the myrrh of Scripture and that of Hippocrates and other Greek writers are compared; it contains nothing practical.

1841. EHRENBERG, C. G. *De Myrrhæ et Opocarpasi in itinere per Arabiam et Habessiniam detectis plantis particulam primam offert*. Berolini, folio, pp. 6.

A summary of Ehrenberg's researches on the botanical source of myrrh is given in Flückiger and Hanbury's *Pharmacographia*, p. 125. See also Hanbury's *Science Papers*, p. 379.

1871. DELIQUX DE SAVIGNAC, —. *La Myrrhe et ses propriétés thérapeutiques*. (Ex. in *Bull. de Thérap.*, t. lxxx, p. 481.)

MYRISTICA MOSCHATA, Thunb.

Nutmeg and Mace.

1677. MACKAIL, M. *Treatise on Mace*. Aberdeen, 12mo.

1681. DIETZ, J. H. *Μοσχοκαρυολογία, i.e. brevis ac succincta de Nuce Moschata dissertatio*. 2nd ed. Giessæ, 4to, pp. 63, tab. i. *Bibl. Linn. Soc. ; Banks.*

1704. PAULLINUS, C. F. *Μοσχοκαρυογραφία, seu Nucleis Moschatæ curiosa descriptio historico-physico-medica, &c.* Erfordiæ, 12mo, pp. 874, tab. i. *Bibl. Med.-Chir. Soc. ; Acad. Edin.*

A curiosity of prolixity, the whole work of 876 pages being devoted to a discussion on nutmegs! — *Proceed. of Pharm. Conference*, 1870, p. 41.

1709. SCHULTZE, N. **De Nuce Moschata*. Traject. ad Rhen. 4to, pp. 30, tab. i. *Bibl. Banks.*

Collectanea, maxime ex Leeuwenhoeckio. — *Haller, Bibl. Bot.*, ii, p. 93.

1719. VALENTINI, C. M. De Macis. Giessæ, 4to.
Cultus, icones, medicamenta inde præparata.—*Haller, Bibl. Bot.*, ii, p. 160.
1788. RADLOFF, F. W. *Myristica. Præs. C. P. Thunberg.
Upsaliæ, 4to, pp. 10.
Bibl. Linn. Soc.; Coll. Surg. Lond.; Med. Soc. Lond.
Analytical review in *Duncan's Med. Commentaries*, xv, 1790, p. 54.

MYRTUS COMMUNIS, Linn.

Common Myrtle.

1875. DELIOUX DE SAVIGNAC, —. Le Myrte et ses propriétés thérapeutiques. Paris, 8vo, pp. 16.

MYTILUS EDULIS, Linn.

Common Mussel.

1857. FOUCHER, L. Recherches sur le Mytilus edulis, sa composition chimique, ses propriétés thérapeutiques et son emploi dans certaines affections subaiguës et chroniques des voies respiratoires, dans les maladies lymphatiques et scrofuleuses, &c.
Paris, 8vo, pp. 16, 4me éd., Orléans, 8vo, 1870.

For an interesting memoir on the poisonous effects of the mussel (*Mytilus edulis*) by Dr. J. S. Combe, see *Edinburgh Med. Surg. Journ.*, xxix, 1828, p. 86—96.

NAPHTHA.

1800. HELLER, A. F. *De Naphtha aceti ejusque in medicina usu. Jenæ, 4to, pp. 23.
1843. HASTINGS, J. Pulmonary Consumption successfully treated with Naphtha. London, 8vo, pp. 120. Second ed. 1845, pp. 260.

The "naphtha" employed in these cases was "pyro-acetic spirit," obtained by the destructive distillation of the acetate of lead or lime. It was used both internally and by inhalation.

The author considers successively the causes of consumption, its stethoscopic and rational symptoms, its complications, pathology, and diagnosis; he then states shortly the various remedies proposed from time to time as a cure, and lastly, he gives the history, medical and therapeutic, of naphtha, concluding with cases to illustrate his treatment.—*Edin. Med. Surg. Journ.*, lxiv, p. 466.

1844. HOCKEN, E. O. A practical enquiry into the value of medicinal Naphtha in Tubercular Phthisis. London, 8vo, pp. 72.

Dr. Hocken confines himself almost solely to the exposition of the medical history and therapeutic effects of naphtha, illustrated by cases.—*Edin. Med. Surg. Journ.*, lxiv, p. 466. There is a very condemnatory notice of this work in *Brit. and For. Med. Rev.*, January, 1846, p. 146, to which Dr. Hocken published a reply, London, 1845, 12mo, pp. 11.

1846. SALES-GIRONS, —. La Phthisie traitée par les fumigations de Goudron et le Médicinal Naphtha. Paris, 8vo.

NARCEIN or NARCEINE.

1834. HENLE, F. G. J. Ueber Narcein. Berlin, 8vo.
 1865. BOUCHARDAT, J. De la Narcéine. Paris, 4to, pp. 63.
 1866. LINE, C. Études sur la Narcéine et son emploi en thérapeutique. Paris, 8vo, pp. 69.
 1866. OETTINGER, W. Das Narcein als Arzneimittel. Tübingen, 8vo, pp. 41.

For an abstract of Oettinger's experiments see *Brit. and For. Med.-Chir. Rev.*, April, 1867, p. 527-8. Amongst other results they tend to show that narcein by hypodermic injection acts as a sedative and anæsthetic, but not so certainly or in the same degree as morphia or atropia. An interesting memoir. For further information on the views of this and other writers on narceine see an able paper by Dr. John Harley in *Practitioner*, vol. i, p. 289 *et seq.*

1871. PETRINI, P. *Des injections hypodermiques du Chlorhydrate de Narcéine. Paris, 4to.
 1873. PETIT, A. Chlorhydrate de Narcéine. *Vide* "Hydrocyanic Acid," 1873.

NARCISSUS PSEUDO-NARCISSUS, Linn.

Daffodil.

1799. DUFRESNOY, A. *Vide* "Rhus radicans," 1799.
 1810. LOISELEUR DESLONGCHAMPS, J. L. A. Recherches historiques, botaniques et médicales sur les Narcisses, &c. Paris, 4to (à la fin de la deuxième partie de son *Manuel des Plantes Indigènes*, 1819, p. 147.)
 1820. LE JEUNE, A. L. S. Commentarius de Narcissi pseudo-narcissi, Linn., virtutibus, &c. Dans l'ouvrage intitulé "De quarundam Indigenarum usu." Leodii, 4to.
 1833. PASSAGUAY, J. C. V. A. *Observations sur l'emploi du Narcisse des Prés dans le traitement de la Dyssenterie, précédées de quelques détails sur son administration dans d'autres maladies. Paris, 4to.

NARCOTINE.

1825. HENELLE, —. *Diss. sur le principe de Derosne (Narcotine) et la Morphine. Paris, 4to.
 1832. ROOTS, H. S. On the employment of Narcotine as a febrifuge. (Ex. in *Medical Gazette*, vol. iii, p. 109.)

For a summary of the observations of Dr. Roots, Sir W. Brooke (O'Shaughnessy), Dr. J. Balfour (*Indian Ann. of Med. Sci.*, vol. v, p. 547), Dr. A. Garden (*ibid.* vii, p. 400), and others on the antiperiodic powers of Narcotine, see *Pharmacopœia of India*, p. 438.

NASTURTIUM OFFICINALE, Brown.

Water Cress.

1866. CHATIN, A. Le Cresson : sa culture et ses applications médicales et alimentaires. Paris, 12mo, pp. 126.

NERIUM OLEANDER, Linn.

Rose-bay.

1716. LOCHNER, M. F. *Nerium seu Rhododaphne veterum et recentiorum.* Norembergiæ, 4to, pp. 112, tab. 9.
Bibl. Banks.

NICKEL.

1775. BERGMAN, T. *De Niccolo (Nickel). Resp. J. A. Arvidson. Upsaliæ, 4to. *Bibl. Linn. Soc.*
1825. GMELIN, C. G. *Versuche über die Wirkung des Baryts... Nickels, &c., auf den thierischen Organismus.* Tübingen, 8vo.
Vide *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 136. See "Metals," Part I. *Bibl. Coll.-Surg. Lond.*

NICOTIANA TABACUM. Vide TABACUM.

NICOTINA.

Nicotine.

1851. ORFILA, M. J. B. *Mémoire sur la Nicotine et la Conicine.* Paris, 8vo.
1851. BROECK, V. VAN DEN. *De la préparation de la Nicotine et de son mode d'action sur l'économie animale.* (Ex *Ann. Méd. de la Flandre Occid.*, 8vo, pp. 60.)
1852. VELLA, L. *Esperienze sulla Nicotina.* Torino, 8vo.
1856. HAUGHTON, S. *Physiological experiments on Strychnine and Nicotine.* Dublin, 8vo. *Bibl. Coll. Phys. Edin.*

A series of interesting and important experiments, which were subsequently continued by the author and published in *Dublin Quart. Journ. Med. Sci.*, August, 1862, p. 172—186. In the latter paper four cases of tetanus and one of strychnia poisoning are detailed in which nicotine was employed with more or less benefit.

1859. FORSIUS, K. F. *Om Nicotinförgiftning.* Helsingfors, 8vo, pp. 58.
1868. JULLIEN, F. **Étude sur la Nicotine.* Paris, 8vo, pp. 60. *Bibl. Med.-Chir. Soc.*
1870. KOPF, —. **De la Nicotine.* Strasbourg, 8vo. (Abstract in *Bull. Gén. de Thérap.*, March 30th, 1870, p. 284.)
1870. BLATIN, A. *Recherches physiologiques et cliniques sur la Nicotine et le Tabac.* Paris, 8vo, pp. 207.

The evil effects of excessive tobacco-smoking are elaborately treated of in this memoir, which likewise contains an able investigation into the physiological action of nicotia.—*Amer. Journ. Med. Sci.*, October, 1870, p. 534.

ACIDUM NITRICUM et NITROSUM.

Nitric and Nitrous Acid.

1795. SMYTH, J. CARMICHAEL, —. *Dissertation on the Jail Dis-temper as it appeared among the Spanish prisoners at Winches-*

ter in 1780, with an account of the means (Nitrous Acid) employed for curing that fever and for destroying the contagion which gave rise to it. London, 8vo. *Bibl. Med.-Chir. Soc.*

1796. SMYTH, J. C. An account of the experiments made on board the Union Hospital Ship to determine the effects of Nitrous Acid in destroying contagion and the safety with which it may be employed. London, 8vo. *Bibl. Coll. Phys. Edin.*

1796. BEDDOES, T. Reports, principally concerning the effects of Nitrous Acid in the Venereal Disease by the Surgeons at the Royal Hospital at Plymouth and other practitioners. Bristol, 8vo. German transl. by F. G. Friese. Breslau, 8vo, 1799. *Bibl. Coll. Phys. Edin.*

From the large mass of evidence here brought together from various quarters, Dr. Beddoes considers it clearly proved that when the constitution is impaired or otherwise feeble or scrofulous, the cure of syphilis should always be attempted by nitrous acid in preference to any other medicine. See *Duncan's Ann. of Med.*, ii, 1798, p. 214.

1798. PRIOLEAU, P. G. *On the use of the Nitric and Oxygenated Muriatic Acids in some diseases. Philadelphia, 8vo. (Ex. in *Caldwell's Philad. Theses.*, vol. i, p. 81.) *Bibl. Med.-Chir. Soc. (Caldwell).*

Consists mainly of a record of cases, chiefly syphilitic, in fourteen of which nitric acid and in four nitro-hydrochloric acid was employed with more or less benefit. Cases of chronic rheumatism and one of hydrothorax treated with the latter acid are also mentioned. The author ascribes the efficacy of both acids to the oxygen they contain.

1798. BLAIR, W. Essays on the Venereal Disease and its concomitant affections. Essay 1, Part i, on the anti-venereal effects of Nitrous Acid, and other analogous remedies. London, 8vo. Second ed. of Part i, *ibid.*, 1799, 8vo, pp. 252. Part ii, 1800, 8vo. German transl. by C. A. Struve Altenburg, 1799-1801, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

The experience of the author is adverse to the claims of nitrous acid as a substitute for mercury in the treatment of syphilis, and he expresses his belief that its advocates (which were numerous at the time) were greatly deceiving themselves as to its powers in this respect. He supports this view by some statistical data.—*London Med. Review and Mag.*, vol. i, 1799, p. 257. It is on the whole a most complete publication, since it presents an epitome of what all other writers have advanced on the subject, and contains much interesting and original matter.—*Ibid.*, vol. iii, p. 165.

1799. SMYTH, J. C. The effects of Nitrous Vapour in preventing and destroying contagion, ascertained from a variety of trials made chiefly by Surgeons in H.M. Navy, Hospitals, &c. London, 8vo. *Bibl. Coll. Surg. Lond.*

1800. BEDDOES, T. Communications respecting the external and internal use of Nitrous Acid, demonstrating its efficacy in every form of Venereal Disease, and extending its use to other complaints. London, 8vo, pp. 188. *Bibl. Med.-Chir. Soc.*

Contains a large mass of evidence in support of the author's views as set forth in his former work, 1796. See review in *London Med. Rev.*, 1801, p. 89 *et seq.*

1802. NEALE, A. *De Acido Nitrico ejusque in medicina usibus.
Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*
1802. SCHMIDT, J. A. Beiträge zu den Resultaten der Versuche mit Salpetersäure bei primitiven und secundären syphilitischen Krankheitsformen. *Wien, 8vo.*
1802. LUST, C. *De Acidi Nitrici usu in Syphilitidi.
Groningæ, 8vo, pp. 40.
1802. TARTRA, A. E. Traité de l'empoisonnement par l'Acide Nitrique. Paris, 8vo, pp. 302. *Bibl. Med.-Chir. Soc.*
Commendable in every point of view...the subject is fully and ably discussed. The work is divided into three parts:—1. Introductory matter. 2. A detail of cases of poisoning by nitric acid collected from various sources, and of others which fell under the author's notice, concluding with an account of some experiments with this acid on the living and the dead body, &c. 3. The medical history, including the pathology or symptoms, progress, terminations, prognosis, and post-mortem appearances of the disease produced by swallowing nitric acid; the treatment of the case, and an examination of the legal questions to which it may give rise. See review in *Edinburgh Med. Surg. Journ.*, ix, 1813, 369.
1803. SCHWARZ, G. E. G. Nitric Acid in Asthenic Fevers. *Vide "Acids," 1803.*
1816. HOLST, F. Diss. de Acidi Nitrici usu medico.
Christianiæ, 8vo, pp. 136.
1817. PELLETIER, —, et CAVENTOU, —. Recherches sur l'action qu'exerce l'Acide Nitrique sur la matière naécée des calculs biliaires humains, et sur le nouvel acide qui en résulte. (*Journ. de Pharm.*, 1817.)
Paris, 8vo, pp. 16.
1828. SPEYER, C. L. *Toxicologia Acidi Nitrici.
Hafniæ, 8vo, pp. 75.
1831. COOTH, C. J. VAN. De Acidi Nitrici et Nitri ortu.
Lugd. Bat. 8vo.
1834. KÖCHLIN, J. R. Nitric Acid as a medicinal agent. *Vide "Acids," 1834.*
1842. MILLON, E. Recherches sur l'Acide Nitrique.
Paris, 8vo, pp. 48.
1843. HANSEN, V. Die Salpetersäure innerlich gereicht als Heilmittel der Bright'schen Krankheit oder Albuminurie. Trier, 8vo.
1843. HOUSTON, J. Essay on the use of Nitric Acid as an escharotic in certain forms of Hemorrhoidal Affections. Dublin, 8vo, pp. 30. *Bibl. Coll. Phys. Edin.* (Reprint from *Dublin Journ. of Med.*, vol. xxiii, p. 94.) Further observations, *ibid*, vol. xxiv, p. 204.
Valuable practical papers. The author is careful in pointing out the form of hemorrhoidal excrescences to which the treatment by nitric acid is adapted, and he furnishes full directions for its application.
1847. RIVALLIÉ, A. Traitement du Cancer et des affections Sero-fuleuses par l'Acide Nitrique solidifié, &c. Paris, 8vo.
1849. BERTHERAND, E. L. De l'emploi de l'Acide Azotique dans la Gengivite ulcéreuse épidémique.
Paris, 8vo, pp. 8.

1854. GIBB, G. D. On Hooping Cough...with its successful treatment by a New Remedy. London, 12mo, pp. 395.

The primary object, apparently, of this work is to demonstrate the efficacy of nitric acid as a remedy in hooping cough. According to Dr. Gibb it arrests the paroxysms, removes the hoop, and shortens the disease almost as effectually as quinine does intermittent fever.

1857. WUNDERLICH, C. A. De actionibus quibusdam Acidi Nitrici caustici in corpus humanum intromissi. Lipsiæ, 8vo.

1859. SMITH, H. Hæmorrhoids and Prolapsus of the Rectum; their pathology and treatment with especial reference to the use of Nitric Acid. London, 8vo, pp. 46. Second ed., *ibid.*, 12mo, 1860, pp. 108. Third ed., *ibid.*, 1862, pp. 141.

The main object of the author, whilst making no claim to originality, has been to point out in clear language the anatomical and pathological condition of parts which should guide the surgeon in the selection for the nitric acid treatment, and this he has accomplished in a very successful and scientific manner.—*Lancet*, September 6th, 1862, p. 258.

1860. CHOMSE, O. De ratione, qua se habeant Oxydum atque Acidum Kakodyliacum in organismo animalium disquisitiones.

Dorpati, pp. 38.

1861. WULFFIUS, E. *Ueber den Nachweis von Salpetersäure im Harn. Dorpati, 8vo, pp. 39.

ACIDUM NITRO-HYDROCHLORICUM.

Nitro-hydrochloric Acid. Nitro-muriatic Acid.

1798. PRIOLEAU, P. G. *Vide* "Nitric Acid," 1798.

1820. DUNLOP, W. A treatise on the medical powers of the Nitro-muriatic Acid Bath in various diseases. London, 8vo.

Bibl. Coll. Phys. Edin.

1822. COYNE, P. Observations on the external application of Nitro-Muriatic Acid in a Bath in various diseases, particularly in those of tropical climates. London, 8vo, pp. 140.

Bibl. Med.-Chir. Soc.

After much experience of the use of the nitro-muriatic acid bath both in India and England, the author attaches much importance to it as a remedy in hepatic and other affections, and here details several cases illustrative of its beneficial effects. The work is "not intended solely for the perusal of gentlemen of the medical profession."—*Med.-Chir. Rev.*, December, 1822, p. 522.

1824. BERNHARDT, G. L. De utilitate Acidi Nitrici et Muriatici inter se mixtorum nonnullis in morbis eximia. Berol. 8vo.

Bibl. Coll. Surg. Lond.

1830. VOGEL, G. H. *De Acido Nitro-muriatico.

Lipsiæ, 4to, pp. 28.

1858. UECHTRITZ, F. H. O. De Kali Chlorici Acidique Nitrici in nervos, telam cellulosa, corneam, renes vi observationes microchemicæ. Gryphiæ, 8vo, pp. 31.

NITROGEN.

1809. FARMER, R. Analysis of the Carbonated Chalybeate at Stow, with observations on the effects of Carbonic Acid and Nitrogen Gas on the animal economy. London, 8vo.
1815. BRUNN, E. E. De ratione quæ inter Azoticum aeris atmospherici et respirationem intercedit. Hafniæ, 12mo.
Bibl. Med.-Chir. Soc.
1816. DAGOUMER, T. Essai sur le gaz Azote atmosphérique considéré dans ses rapports avec l'existence des animaux, &c. Paris, 8vo.
1859. OGNIBEN, A. Diss. dell Nitrogeno. Padova, 8vo, pp. 20.
1862. FISCHER, —. Die Stickgas-Inhalation bei Lungen-Tuberculose, &c. Baderborn, 8vo, pp. 27.
1866. DEMARQUAY, J. N. *Vide* "Inhalation," 1866.

NITROGEN, PEROXIDE OF.

Nitrous Oxide Gas, Laughing Gas, &c.

1795. MITCHILL, S. L. Remarks on the gaseous Oxyde of Azote and on the effects it produces when generated in the stomach, inhaled into the lungs, and applied to the skin.
New York, 12mo, pp. 43.
1796. SALTONSTALL, W. *Dissertation on the chemical and medical history of Nitrogene and its combinations with the matter of Heat, &c. New York, 8vo.
1800. DAVY, Sir HUMPHRY. Researches, Chemical and Philosophical, chiefly concerning Nitrous Oxide or Dephlogisticated Nitrous Air and its respiration. London, 8vo, pp. 580, tab.
(Reprinted in vol. iii of his 'Collected Works,' 1839).
Bibl. Med.-Chir. Soc.

This truly philosophical work consists of four divisions or researches:—1st. Relates to the production of nitrous oxide, and the analysis of nitrous gas and nitrous acid. In the 2nd the combinations and composition of nitrous oxide are investigated. The 3rd contains observations on the action of nitrous oxide upon animals, and the changes effected in it by respiration. In the 4th the history of the respirability and extraordinary effects of nitrous oxide is given, with details of experiments on its powers in different individuals. This last research is by far the most important to the practitioner.—*Med. Phys. Journ.*, iv, 1800, p. 265-9.

It is worthy of remark that Sir Humphry Davy in this work foreshadowed the use of anaesthetics in surgery; thus, he remarks (p. 556)—"*As nitrous oxyde, in its extensive operation, appears capable of destroying physical pain, it may probably be used with advantage during surgical operations in which no great effusion of blood takes place.*" How this has been realised by this identical gas as well as other agents is now too well known to need further comment.

1806. UNZER, H. F. Dis. de aëre Nitroso Oxydato. Kiliæ, 4to.
1808. BARTON, W. P. *Dissertation on the chymical properties.

and exhilarating effects of Nitrous Oxide Gas and its application to pneumatic medicine.

Philadelphia, 8vo.

Bibl. Coll. Phys. Edin.

1831. HANCOCK, J. On the origin of Cholera and other pestilential diseases, and on the gaseous Oxide of Nitrogen as a remedy in such diseases and also in asphyxia and against the effects of narcotic poisons. London, 8vo, pp. 64. *Bibl. Coll. Phys. Edin.*

1832. LE PAGE, F. A. Sur l'emploi du Gaz Protoxide d'Azote dans le traitement du Choléra-morbus. Orléans, 8vo, pp. 48.

1845. RIADORE, J. E. On the remedial influence of Oxygen, Nitrous Oxide, &c. London, 8vo. *Vide "Oxygen,"* 1845.

1847. WELLS, HORACE. History of the application of Nitrous Oxide Gas, Ether, &c., to surgical operations.

Vide "Anæsthetics," 1847.

1865. ZIEGLER, G. J. Researches on the medical properties and application of Nitrous Oxide, Peroxide of Nitrogen or Laughing Gas. Philadelphia, 12mo, pp. 66.

The following extract illustrates the views and style of the author:—"In comprehensive terms, nitrous oxide is a direct, potent, and permanent chemico-organic, arterial, nervous, cerebral and general stimulant, secernent, depurant, aphrodisiac and antitoxic, having a special tendency to the blood, brain, nervous system, and genito-urinary organs"! The book abounds with such high-flown sentences as this.—*Medical Times and Gaz.*, March 10th, 1866, p. 262.

The author appears to entertain very exaggerated views of the virtues of this gas. "He claims for it wonderful powers, but relates no instances or experiments to sustain his assertions." See *Amer. Journ. Med. Sci.*, July, 1866, p. 221.

1866. DEMARQUAY, J. N. *Vide "Inhalation,"* 1866.

1866. PRÉTERRE, A. Nouvelles recherches sur les propriétés physiologiques et anesthésiques du Protoxyde d'Azote.

Paris, 8vo, pp. 31.

1867. PRÉTERRE, A. De l'emploi du Protoxyde d'Azote pour pratiquer les opérations chirurgicales et extraire les dents sans souffrance. Paris, 8vo, pp. 31. 4me éd., *ibid.*, 1868.

1868. KIDD, C. The Oxide of Nitrogen as an Anæsthetic agent.

Dublin, 8vo. Second ed. 1870?

Bibl. Med.-Chir. Soc.

1869. PRÉTERRE, A. Recherches sur les propriétés physiques et physiologiques du Protoxyde d'Azote liquéfié. Paris, 8vo, pp. 27.

1869. RYMER, S. L. Remarks on the use of Nitrous Oxide in Dental Operations. London, 8vo.

1869. LIMOUSIN, S. Étude sur le Protoxyde d'Azote en solution.

Paris, 8vo, pp. 16.

1869. SQUAREY, E. On the administration of...Nitrous Oxide.

Vide "Anæsthetics," 1869.

1870. KIDD, C. Hydrate of Chloral and Nitrous Oxide Gas as anæsthetics. London, 8vo, pp. 12.

1870. LA BATE, J. DE. Des Anesthésiques en général et du Protoxyde d'Azote en particulier. Poitiers, 8vo, pp. 19.
1871. MACLAREN, R. On Nitrous Oxide Gas and its use as an anæsthetic. Edin.
1872. GROHNWALD, C. Das Stickstoffoxydul-Gas als Anæstheticum. Berlin, 8vo, pp. 47, pl. lithograph 2 in 4to.
1873. PRÉTERRE, A. Le Protoxyde d'Azote; son application aux opérations chirurgicales et particulièrement à l'extraction des dents sans douleur. 7me éd., Paris, 8vo, pp. 77.
1874. BLANCHE, T. *Recherches expérimentales sur le Protoxyde d'Azote. Paris, 4to. Ibid. Paris, 8vo.
1874. JACQUÈME, —. Histoire chimique et physiologique du Protoxyde d'Azote. Marseille, 8vo, pp. 23.

NITRO-GLYCERINE. GLONOIN.

- 1845? PELIKAN, E. Toxikologisches über das Nitro-glycerin (Glouin) und andere Knallkörper. St. Petersburg, 8vo.

ENANTHE CROCATA, Linn.

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A full and able memoir on the physiological action and medical properties of this plant.

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- See also "Note sur l'*Enanthe safranée*," par F. A. Vincent, in *Archiv. de Méd. Navale*, 1864, t. i, p. 88.

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The Olive.

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1784. AMOREUX, P. J. Traité de l'Olivier. 2me éd. Montpellier, 8vo.
1788. PRESTA, —. Memorio intorno di sessanta due saggi diversi di Olio. Napoli.
1790. MARINO, G. A. Raccolta di alcuni opuscoli, all' uso interno dell' Olio d'Olivo. Carmagnola, 8vo, pp. 76.
1800. BALDWIN, G. Osservazioni circa nuovo specifico contra la Peste. Firenze, 8vo, pp. 74. German transl. by P. Scheel, Leipzig, 8vo. French transl. from the German by J. N. E. de Bock, Metz, 1801, 12mo.
- Mr. Baldwin's specific consisted of frictions of the body with warm olive oil. The practice was common in the East from the earliest times, and the oil was also taken internally with the belief of its possessing both prophylactic and curative properties... Mr. Jackson, in his account of the plague in Morocco in 1790, recommended it to many both as a preventive and as a cure; and he states that in both characters it was eminently successful. Vide *Copland, Dict. Pract. Med.*, vol. iii, part 1, p. 227.
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1831. GIADOROU, V. On the febrifuge properties of the gum resin of the Olive tree. (In *Edinburgh Med. Surg. Journ.*, xlv, 1835, p. 245, ex *Ann. Univ. di Méd.*, June, 1831.)
1870. HARZ, C. Über die Entstehung des fetten Oeles in den Oliven. Wien, 8vo, pp. 16, tab. 2.
See also Art. "Inunction."

OLEUM ANIMALE EMPYREUMATICUM.

Dippell's Animal Oil, &c.

1725. VATER, A. Diss. qua Olei Animalis vires ejusque efficacia in curanda Epilepsia rationibus et experimentis confirmantur. Wittenbergæ, 4to.
Exempla in adultis inque infantibus. — *Haller, Bibl. Med. Pract.*, iv, p. 450.
1732. JUNCKER, J., et BURCHARD, H. J. *De viribus Olei Animalis in Epilepsia. Lond. 4to. *Bibl. Med.-Chir. Soc.*
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1744. CARTHEUSER, J. F. Diss. de Oleis Empyreumaticis. Francof. ad Viad. 4to.

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ONONIS SPINOSA, Linn.

Rest Harrow.

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For a short summary of the observations of Dr. Ascherson of Berlin (*Casper's Wochenschrift*, June 6th, 1840) on this plant in the treatment of chronic rheumatism, see *Brit. and For. Med. Review*, October, 1840, p. 558.

ONOPORDUM ACANTHIUM, Linn.

Common Cotton Thistle.

1739. GOELICKE, A. O. *De Onopordo carcinomatis averrunco. Francof. ad Viad. 4to, pp. 32.

Succo imposito se ulcus canerosum colli et labii superioris sanasse. Experimenta etiam cum eo succo fecit; reperit acescere.—*Haller, Bibl. Bot.*, ii, p. 138.

OPHIORRHIZA MUNGOS, Linn.

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Ex Kæmpfero et aliis. Radicem ipse Lochnerus tamquam efficax medicamentum diaphoreticum in morbis malignis, cum bono eventu exhibuit.—*Haller, Bibl. Bot.*, ii, p. 111.

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A discussion on the properties of opium, of which Haller, *Bibl. Bot.*, i, p. 426, gives a short abstract. Recommends acids as a means of "correcting" the narcotic and other ill effects of opium.

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1652. SEGER, G. *De Opio. Hafniæ, 4to.
1656. LOPEL, F., et DE FRADES, C. *Ergo Dysenteria Opium. Paris, 4to.
1667. LEDELIUS, S. Tract. de Opio. Jenæ, 4to.
1670. SYLVIVS DE LE BOE, F.* De Opio ejusque usu medico. Lugd. Bat. 4to.
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1671. TILINGIVS, M. Anchora salutis sacra, seu de Laudano Opiato medicamento cœlitus demisso liber singularis, in quo plane mirabiles hujus medicamenti virtutes in omnibus morbis observationibus tam propriis, quam alienis confirmantur. Francof. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
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1679. JUNGKEN, J. H. Opiologia nova. Francof. 8vo. Ibid. 1683, 1697.
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In acutis morbis opio jubet abstinere. Recte monet, sæpe vomitum ciere. In hydropse funestrum fuit. Sylvium nimium opio usum esse.—*Haller, Bibl. Med. Pract., iii, p. 156.*

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nancy, abortion, labour, and the puerperal state, and the fact of the observations being based on clinical experience imparts to the work the highest value. Throughout the work the author has carefully abstained from dogmatizing and from making unsupported assertions.—*Dublin Quart. Journ. Med. Sci.*, February, 1865, p. 154.

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ORIGANUM MAJORANA, Linn.

Sweet Majoram.

1689. GRAV, G. Panacæa vegetabilis calida, sive Majorana nostra. Jenæ, 12mo, pp. 204. *Bibl. Banks.*
Collectanea.—*Haller, Bibl. Bot.*, i, p. 644.

OSMIUM et ACIDUM OSMICUM.

Osmium and Osmic Acid.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Osmiums, &c., auf den thierischen Organismus. Tübingen, 8vo.
See rev. in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See also "Metals," 1825.
1849. BRAUVELL, F. De Acidi Osmici in homines et animalia effectu, commentatio physiologica. Casani, 8vo, pp. 119.
1852. BUTTLEROW, A. Ueber die oxydirende Wirkung der Osmiumsäure auf organische Körper. Leipzig, 4to. (Ex *Mélanges Phys. et Chim.*, vol. i.)

OSTREA EDULIS, Linn.

The Oyster.

1818. PASQUIER, J. P. A. *Essai médical sur les Huîtres considérées comme aliment et comme médicament. Paris, 4to et 8vo, pp. 75.
1821. GAILLON, B. Diss. sur les Huîtres vertes. Rochefort, 8vo.
1824. SAINTE-MAIRIE, E. De l'Huître et de son usage comme aliment et comme remède. Lyon, 8vo.
1863. FERRAND, E. Ostréonomie: huîtres toxiques et huîtres comestibles diverses, de leurs différentes compositions et des choix que doit en faire la thérapeutique. Lyon, 8vo, pp. 24.
1865. BRAULT, N., et PÉNEAU, E. De la guérison des Fièvres Intermittentes et larvées au moyen de l'os de Seiche et de l'écaille d'Huître. Bourges, 8vo, pp. 29.

ACIDUM OXALICUM.

Oxalic Acid.

1776. ARVIDSSON, J. A. *De Acido Sacchari. Upsalæ, 4to. *Bibl. Med. Soc. Lond.*
1804. SERRANE, J. B. Essai sur les Acides Oxalique, Muqueux et Subérique. Montpellier, 4to.
1821. PERCY, L. *De Acidi Oxalici vi venenata. Edin. 8vo. *Bibl. Linn. Soc.; Coll. Phys. Edin.; Manch. Med. Soc.*

1822. VENABLES, R. A Lecture in which the nature and properties of Oxalic Acid are contrasted with those of Epsom Salts, and a very safe and effectual method of preventing fatal consequences from following the substitution of the former for the latter, &c.
London, 8vo, pp. 56.

The author's safe and effectual method of preventing accidents in these cases consists of enclosing in each packet of either salt small slips of test paper with printed instructions how to use them, and the effects observable in each case. The lecture is intended for the public rather than the profession.—*London Med. Phys. Journ.*, xlix, 1823, p. 159.

1823. CHRISTISON, R., et COINDET, C. W. An experimental inquiry on poisoning by Oxalic Acid. (Ex. in *Edinburgh Med. Surg. Journ.*, vol. xix, April, 1823, p. 164–202.)

A very complete and interesting memoir.

1824. KÜHN, O. B., et KÜHN, C. G. Versuche und Beobachtungen über die Kleesäure, &c. Leipzig, 8vo.

1824. KLOSTERMANN, T. H. *De Acidi Oxalici in organismum animale efficacia experimentis novis illustrata.

Berol. 8vo, pp. 41.

1827. KÜHN, C. G. De Salis Acetosellæ venenata virtute. (In ejus *Opuscula Academica*, vol. ii, p. 85.) Leipzig, 8vo.

1845. MITSCHERLICH, C. G. De Acidi Acetici, Oxalici, &c., effectui in animalibus observato. Berol. 8vo.

1861. LITTLEJOHN, H. D. Case of criminal poisoning with Oxalic Acid. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

OXALIS ACETOSELLA, Linn.

Common Wood Sorrel.

1709. FRANKE, J. Herba Alleluja botanice considerata ex veterum et recentiorum decretis, imprimis propria praxi in nupera 1703 et 1704 febre epidemica Ulmæ observata. Ulmæ, 12mo, pp. 390, tab. i. *Bibl. Coll. Phys. Lond.; Banks:*

1717. FRANKE, J. De vera herba antiquorum Acetosella (Alleluja) ejusdemque virtute contra febres malignas, petechiales et pestem ipsam ἀκρόαμα historico-medicum. Augusta Vindelicorum, 12mo, pp. 390, tab. i. *Bibl. Banks.*

These two works are the same, differing only in the latter having a new title and a newly printed first page!—*Dryander.*

1781. THUNBERG, C. P. *Oxalis. Upsaliæ, 4to, pp. 32, tab. ii. *Bibl. Banks.*

1794. JACQUIN, N. J. Oxalis. Monographia iconibus illustrata. Vienna, 4to, pp. 119, tab. 81. *Bibl. Banks.*

This and the preceding work are botanical rather than medical.

OXYGEN.

1782. STOKES, J. *De Aere Dephlogistico. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1784. POULLE, A. *De Aëre Vitali seu Dephlogistico tanquam
 novo sanitatis præsidio. Monspeli, 8vo, pp. 48.
1784. BLECH, E. P. De Aeris Dephlogistici usu in Asphyxia.
 Gottingæ, 8vo. *Bibl. Acad. Edin.*
1787. MENSCHING, J. H. Diss. physica medica de Aëris Fixi et Dephlogistici in medicina usu.
 Gottingæ, 8vo. *Bibl. Med. Soc. Lond.*
1789. SCHURER, F. L. Synthesis Oxygenii experimentalis confirmata. P. i et ii. Argentorati, 4to. German transl.
 Berlin, 1790 (1794?)
1793. FERRO, P. J. Ueber die Wirkungen der Lebensluft, &c.
 Wien, 8vo. Second ed., *ibid.* 1795.
1797. DE WITT, B. *A chemico-medical essay to explain the operation of Oxigene on the human body. Philadelphia, 8vo.
1798. WEYL, J. M. *De nonnullis gas Oxygenii ejusque basis proprietatibus.
 Lugd. Bat. 8vo, pp. 50.
1798. ALYON, P. P. Essai sur les propriétés médicales de l'Oxygène et sur l'application de ce principe dans les Maladies Vénériennes, psoriques et dartreuses. Paris, 8vo. German transl. Leipzig, 8vo, 1798. Portugese transl. Lisbon, 8vo, 1792. Second ed. Paris, 1799, 8vo, pp. 230. *Bibl. Med.-Chir. Soc.*
- Upon the whole, we can only say of this work (the second edition) that it contains the chemical errors as before—it is written in the same style of dogmatism and self-conceit—it promises as before to furnish us with incontrovertible facts, but is replete with trifling and inconclusive observations. It again charges British practitioners with enthusiastic exaggerations, whilst almost every page seems to fix the accusation on the author.—*London Med. Rev. and Mag.*, vol. v, 1801, p. 38.
1798. ARCHER, C. Observations on the effects of Oxygen on animal and vegetable systems. London, 8vo.
Bibl. Coll. Surg. Lond.; Acad. Edin.
1799. MARABELLI, F. Osservazioni sull' Ossigeno, considerato come rimedio nella cura di alcune malattie. Pavia, 8vo.
1800. BARFOTH, A. H. *Animadversiones de virtute medica Oxygenii. Resp. J. O. Ruhnberg. Lundæ, 4to, pp. 12.
1800. KEUTSCH, J. M. F. De actione gas Oxygenii per pulmones respirati. Hafniæ, 8vo.
1800. HILL, D. Practical observations on the use of Oxygen or Vital Air in the cure of diseases. Contains cases of palsy, nervous debility, epilepsy, hydrocephalus, scrofula, white swellings and distortions of the spine, &c. London, 4to, pp. 58. German

transl. Göttingen, 8vo, 1801. 2nd. with appendix, London, 8vo, 1820, pp. 102. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.* (2nd ed.).

The object of the author is to call the public attention to the practical value of oxygen in the treatment of disease, and he details nineteen cases, principally of scrofula and nervous affections, all of them cured by its agency. Five engravings accompany the work illustrative of some of the most remarkable effects of oxygen both on the human subject and on plants. — *London Med. Rev. and Mag.*, vol. v, 1801, p. 245.

1801. HODGES, J. *De Oxygenio. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Manchester Med. Soc.

1801. MÜNCHMEYER, E. H. W. Diss. de viribus Oxygenii in procreandis et sanandis morbis: præmio ornata. Gottingæ, 4to.
Bibl. Roy.

1802. PINTO, A. DE. De efficacitate principii Oxygenetici in corpus animale, tam in statusano quam morbosio. Lugd. Bat. 8vo.
Bibl. Roy.

1802. PLATT, C. Enquiry into the efficacy of Oxygen in the case of Syphilis, to which is subjoined general observations on its application in various other disorders. London, 8vo, pp. 100.

The results of Mr. Platt's trials with oxygen in syphilis were adverse to its claims as a remedy in that disease. See rev. in *Med. Phys. Journ.*, x, 1803, p. 90.

1803. BONGARD, H. G. Physisch-med. Abhandlung über die Wirkung des Sauerstoffs, &c. Landshut, 8vo.

1803. TOULON, G. W. VAN. De principii Oxygenetici, sive alimenti acidifici, eximia et amplissima in corpus humanum efficacitate. Traject. ad Rhen. 4to.
Bibl. Roy.

1807. TYTLER, R. De Oxygenio. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Manchester Med. Soc.

1815. WIERZBOWSKI, G. *Diss. physico-chem. medica de Oxygenio. Viennæ, 8vo, pp. 5.

1827. SANTARELLI, M. Sull azione controstimulante dell Ossigeno. Roma, 8vo.

1832. COSTER, J. Traitement du Choléra-morbus par le gaz Oxygène. Paris, 8vo.

1832. TOUZET, —. Sur l'inspiration de l'Oxigène considérée comme préservatif et curatif du Choléra morbus et de quelques autres maladies. Paris, 8vo.

1839. SEARLE, C. Observations on "Oxygenous Aërated Water," as a grateful exhilarating beverage and as a remedy in debility, depression of spirits, &c. London, 8vo.

A popular rather than a professional work, though not devoid of originality.

1845. RIADORE, J. E. On the remedial influence of Oxygen or Vital Air, &c., in restoring the healthy functions of the principal

organs of the body and the nerves supplying the respiratory, digestive, and muscular systems. London, 8vo, pp. 178.

The bulk of the work is taken up with loose rambling remarks on food, various gases, electricity, galvanism, &c., eked out with numerous quotations from Liebig and others. As to oxygen, he states that he has found its inhalation of very great use in indigestion, "nervous debilitated conditions of the liver and kidneys" (?), asthma, paralysis, uterine affections, and externally in chronic swellings of the joints!—*Med.-Chir. Rev.*, July, 1845, p. 248. There is a very condemnatory notice of this work in *Brit. and For. Med.-Chir. Rev.*, June, 1845, p. 252.

1849. HOLMES, H. Cholera; its electrical origin and treatment by Isolation and Oxygen. (Pamphlet.) London, 8vo.
1854. [Anon] BIRCH, S. B. ? On Oxygen Gas as an important curative agent, with extraordinary cures of various diseases by its use. London, 8vo, pp. 32.
1854. NEUFELD, O. Ozon, et quæ concludi possint e notis adhuc viribus ejus physicalibus, chemicis et physiologicis, in ultiores effectus in animantium naturas. Regiomonti, 8vo, pp. 46.
1855. HOLMES, H. Oxygen in Cholera. (Pamphlet.) London, 8vo.
1856. SCOUTETTEN, H. J. L'Ozone, ou recherches chimiques, météorologiques, physiologiques et médicales, sur l'Oxygène électrisé. Paris et Metz, 18mo, pp. 287, plates.
1857. BIRCH, S. B. A few facts respecting the therapeutic use of Oxygen, &c. Third ed. London, 8vo.
1860. FOUNTAIN, E. J. On Oxygen in Phthisis. *Vide* "Potassæ Chloras," 1860.
1860. CONDY, H. B. Disinfection and Hygiene by means of Oxygen in a nascent and active condition, or artificial Ozone. London, 8vo.
1863. MEISSNER, G. Untersuchungen über den Sauerstoff. Leipzig, 4to.
1866. DEMARQUAY, J. N. Pneumatologie. *Vide* "Inhalation," Part I.
1867. LAVAYGRE, L. DE. *Étude physiologique et thérapeutique de l'Oxygène. Paris, 4to, pp. 98.
1868. BIRCH, S. B. On the therapeutic action, use, and value of Oxygen in the treatment of various diseases otherwise incurable or very intractable. London, 2nd. ed. 8vo, pp. 149.

Dr. Birch has erred in setting forth oxygen as a panacea. With one's experience of panaceal literature, what can one hope from a work in which we are told that cancer, scrofula, neuralgia, asthma, bronchitis, phthisis, cardiac and hepatic disease, epilepsy, apoplexy, diabetes, paralysis, indigestion, &c., may be all or have been all successfully treated by the administration of oxygen? What other conclusion can we arrive at than that the author's zeal exceeds his reason? There are many points of the highest interest dealt with in Dr. Birch's book, and the reader will find many facts worthy of being considered and discussed most seriously, but we cannot think that the author has been well advised in urging definitive views on the therapeutical

application of oxygen. Nevertheless, those who would learn the virtues of oxygenated bread and water, ozonified oil, nitrous-oxide water, and peroxide of hydrogen, will find all they can wish for in this work.—*Practitioner*, August, 1868, p. 108.

1870. LENDER, C. Sauerstoff und Ozonsauerstoff nebst ihrer Anwendung bei Verwundeten. Berlin, 8vo, pp. 32.

1870. SMITH, A. H. Oxygen as a remedy in disease. (A prize essay.) New York, 8vo.

In this pamphlet Dr. Smith furnishes some interesting researches of his own, and has also summed up the results obtained by others with decent impartiality. In the absence of a complete treatise on the subject Dr. Smith's essay will be found very useful.—*Practitioner*, May, 1871, p. 298.

1871. BURRESI, P. Sugli effetti terapeutici della inalazione d'Ossigeno. Siena, 8vo, pp. 26.

1871. BAUDRIMONT, —. Vide "Potassæ Chloras," 1871.

1872. WALDMANN, W. Was sind und wie wirken Sauerstoff- und Ozonsauerstoff Inhalationen (?) Berlin, 8vo, pp. 27.

1873. SEVERINI, L. Azione dell' Ossigeno atomico sulla vita dei nervi. Studi sperimentali. Perugia, 8vo, pp. 178.

1873. MAGNANT, E. De la méthode Oxygénante dans le traitement de la Phthisie Pulmonaire, &c. Bar-le-Duc, 8vo, pp. 97.

1873. FÉCÈRE, B. De l'Oxigène électrique et de l'emploi thérapeutique des eaux dites d'Oxigène et d'Ozone (Sauerstoff- und Ozonsauerstoff-Wasser). Rédigé d'après une publication allemande par Lender, 1870. Berlin, 8vo, pp. 16.

OZONE, vide "Oxygen."

PEONIA OFFICINALIS, Linn.

The Peony.

1599. BERGER, S. Von der Pöonienwurzel. Frankfurt, 4to.

1670. FRIDERICI, J. A. *De Pæonia. Resp. J. Geinitz. Jenæ, 4to. *Bibl. Banks.*

1680. HUNERWOLFFIUS, J. A. Anatomia Pæoniæ, in qua natales et qualitates Pæoniæ, itemque preparationes et medicamenta ex ea varia cum virtutibus et usu ad plurimos humani corporis affectus exhibentur. Arnsteti, 8vo, pp. 110.

Bibl. Med.-Chir. Soc. ; Coll. Phys. Lond.

Curationes multæ, sed compositis perfectæ medicamentis, ut dici non possit, quæ portio laudis ad pæoniam pertineat. Ita in tussi convulsiva auctor emeticum dederat, in colica cum extracto Pæoniæ spiritum nitri dulcem. Vires antiepilepticas suæ herbæ tuetur, formularum numero dives, absque fere historia naturali.—*Haller, Bibl. Bot.*, i, p. 609.

PALLADIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts, ... Palladiums, &c., auf den thierischen Organismus. Tübingen, 8vo.

See *Edinburgh Med. Surg. Journ.*, xxvi, 1826, p. 136. See also "Metals," 1825.

PANCREATINA.

Pancreatine.

1872. DEFRESNE, T. Mémoire sur la Pancréatine ; étude de chimie physiologique. Paris, 8vo, pp. 40.
1874. PAUL, C. Pancreatine in Dyspepsia. *Vide* "Pepsine," 1874.
1875. DEFRESNE, T. Recherches expérimentales sur le rôle physiologique et thérapeutique de la Pancréatine. Paris, 8vo, pp. 103.

PAPAVER SOMNIFERUM, Linn. et alt. Sp.

Poppy, Sp. of.

1681. BORRICHIVS, O. De somno et Somniferis maximè Papavereis. Hafniæ, 4to, pp. 40. *Bibl. Med.-Chir. Soc.*
- Papaveris antiquitates. Inde analyses ; vim opii esse in morandis motibus animalium.—*Haller, Bibl. Bot.*, i, p. 534.
1704. HOFSTETER, —. *Vide* "Opium."
1713. LOCHNER, M. F. Μηχωνοπαργιον, seu Papaver ex omni antiquitati erutum. Norimbergæ, 4to, ibid. 1719, pp. 182, tab. 30, ibid. 1719. *Bibl. Banks.*
- Multum philologiæ ad somnifera et papaver pertinentis, nummi, gemmæ, lapides, quibus papaver insculptum.—*Haller, Bibl. Bot.*, ii, p. 111.
1718. FISCHER, J. A. *De Papavere erratico. Resp. C. Thomæ. Erfordiæ, 4to, pp. 28. *Bibl. Banks.*
1764. GARTHSHORE, M. *De Papaveris usu tam noxio, quam salutari in parturientibus ac puerperis. Edin. 8vo. *Bibl. Med.-Chir. Soc. ; Acad. Edin.*
1814. VIGUIER, L. G. A. Histoire naturelle, médicale et économique des Pavots et des Argémones. Montpellier, 4to, pp. 50, tab. i. *Bibl. Linn. Soc.*
1826. DE LA FOLIE, —. *Propriétés du Pavot indigène comparées à celles du Pavot exotique. Paris, 4to.
1827. PETIT, P. H. Mémoire sur le Pavot d'orient ou de Tournefort et analyse chimique de cette plante (ex *Journ. de Pharm.*). Paris, 8vo, pp. 20.
1829. PACHALIS, —. *De Papavere ejusque preparatis. Ticini, 8vo, pp. 28.
1834. ECKMAN, P. J. *De Papavere somnifero. Præs. P. J. Liedbeck. Upsaliæ, 8vo, pp. 14.
1834. ISER, F. S. Diss. circa Phytotoxicologiam...de Papaveraceis venenatis Bohemiæ. Pragæ, 8vo, pp. 69.
1853. MEUREIN, VICTOR. Recherches sur la composition et les propriétés médicales des différentes sortes commerciales de Capsules de Pavot blanc, &c. Lille, 8vo, pp. 40.

PAPAVERINE.

1873. LANDERER, G. Ueber die Wirkung des Papaverin bei Geisteskranken. Tübingen, 8vo, pp. 33.

PAREIRA BRAVA.

1719. LOCHNER, M. F. Schediasma de Pareira Brava novo Americano, aliisque recentioribus calculi remediis. Norimbergæ, 4to, pp. 86, tab. 6. *Bibl. Med. Soc. Lond.*
1723. DALE, T. *De Pareira Brava et Serapia officinarum. Lugd. Bat. 4to, pp. 19. *Bibl. Banks.*
1730. TEICHMEYER, H. F. Programmata ii de Caapeba sive Pareira Brava. Jenæ, 4to. *Bibl. Radcliffe; Banks.*
1744. BÜCHNER, A. E. De Pareira Brava ejusque virtutibus medicis. Erfordiae, 4to.
- Analysis illa vulgaris et inutilis.—*Haller, Bibl. Bot.*, ii, p. 209.

1873. HANBURY, D. On Pareira Brava. (Ex. in *Pharm. Journ.*, iv, 1873, pp. 81, 102, and *Science Papers*, p. 382, seq. with plates.

A comprehensive account of the history and botanical source of Pareira brava, which the author proves to be the produce of *Chondodendron tomentosum* of Ruiz and Pavon. He prefers to retain this orthography of the generic name in place of *Chondodrendron*, advocated by the eminent Brazilian botanist, Mr. Miers.

PARMELIA (LICHEN) PARIETINA.

Yellow Wall Parmelia, Ach.

1815. SANDER, G. C. H. As a substitute for Cinchona. *Vide* "Cinchona substitutes," 1815, p. 359.
1817. MONKEWITZ, J. H. *Chem.-medizinische Untersuchung über die Wandflechte (*Lichen parietinus*) und über die gebräuchlichsten Chinarinden. Dorpat, 8vo, pp. 38.
1817. STYX, M. E. *Ueber die Heilkräfte der Wandflechte als neu-entdeckter, inländischer Substitut der Chinarinde. Dorpat, 8vo, pp. 39.
1818. MANNHARDT, J. *Lobariæ Parietinae seu Lichenis parietini *L.* analysis chemica denuo instituta. Kiliae, 4to, pp. 24.

PAULLINIA.

1840. GAVRELLE, N. A. Notice sur une nouvelle substance médicinale appelée Paullinia. Paris, 8vo, pp. 24.

The article here treated of is probably identical with that subsequently denominated Guarana, a product of Paullinia, *Mart.* *Vide* art. "Guarana," p. 453.

PEAT MOSS.

1839. ROGERS, —. On the medicinal properties of pure Peat Moss carbonized. Loc. ? 8vo. *Bibl. Med.-Chir. Soc.*

PENGHAWAR DJAMBI.

1839. KOOL, J. A. Onderzoek van de Penghawar Jambie.

Amsterdam, 8vo.

The drug penghawar djambi, consists of the hairy lower part of the stalk or stripes of a Sumatra fern, which has been identified with the *Cibotium Barometz* of J. Smith. It is made the subject of an excellent paper by the late Daniel Hanbury, who has brought to bear upon it that elaborate research and varied knowledge for which he was so distinguished. Curiously enough, however, he does not allude to the above essay. See his *Science Papers*, p. 120, and *Pharm. Journ.*, xvi, 1856, p. 278.

PEPSIN or PEPSINE.

1854. CORVISART, L. Dyspepsie et Consomption. Ressources que la Poudre Nutrimentive (Pepsine acidifiée), offre dans ces cas à la médecine pratique. Paris, 8vo, pp. 77. German transl. Pesth, 8vo, 1857.

This pamphlet points out the value of rennet obtained from the fourth stomach of the calf, so prepared as to be reduced to a pulverulent state, as an article of diet for the dyspeptic and consumptive.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. vii.

1856. [Anon.] Sur les effets physiologiques et thérapeutiques de la Pepsine. Batignolles, 8vo.

1856. BALLARD, E. On Artificial Digestion as a remedy in Dyspepsia, Apepsia and their results. London, 8vo.

In this pamphlet Dr. Ballard sets forth the virtues of pepsine. He speaks of its use after a pretty extensive personal experience, and gives the history of nine cases in his own practice, and of eleven in that of others, in which it was productive of hopeful results.—*Medical Times and Gaz.*, November 29th, 1856.

1858. TOSI, G. Degli usi terapeutici della Pepsina, &c.

Milano, 8vo, pp. 90.

1858. BASSLINGER, J. Pepsin ; seine physiologischen Erscheinungen und therapeutischen Wirkungen gegen Verdauungsschwäche, &c.

Wien, 8vo, pp. 216.

1858. BOUDAULT, M. On Pepsine. Translated by W. S. Squire. Second ed. London, 8vo, pp. 32.

Contains a correct translation of M. Boudault's paper, together with some valuable remarks by Drs. Chambers, Ballard, and Protheroe Smith on the cases in which this remedy is likely to prove useful.—*Medical Times and Gaz.*, April 3rd, 1858, p. 355.

1861. MIALHE, L., et PRESSAT, —. De la Pepsine et des propriétés digestives.

Paris, 8vo, pp. 32.

1874. PAUL, C. Du traitement des Dyspepsies par les analeptiques, Pepsine, Maltine, Pancréatine.

Paris, 8vo, pp. 24.

PETASITES VULGARIS, Desf. (TUSSILAGO PETASITES, Linn.)

Butter Bur.

1759. BERGEN, C. A. von. *Diss. de Petasitide. Resp. B. C. Malach. Francof. ad Viad. 4to, pp. 34.

Bibl. Banks.

1771. HILL, Sir J. Cautions against the use of violent medicines in Fevers, and the virtue of Petasite Root. London, 8vo.
Bibl. Med.-Chir. Soc.
1779. NECKER, N. J. DE. Histoire naturelle du Tussilage et du Pétasite. Mannheim, 4to.
1809. BODARD, P. H. H. Essai sur les propriétés du Tussilago Petasites. Paris, 8vo.

PETROLEUM.—Vide “Bitumen and Bituminous Substances.”

PEUCEDANUM OFFICINALE, Linn.

Hog’s Fennel. Sulphur-wort.

1753. DELIUS, H. F. *Diss. med.-bot. de Peucedano Germanico. Resp. P. C. L. Wagner. Erlangæ, 4to, pp. 37.
Bibl. Banks; Linn. Soc.
- A short abstract, chiefly pharmacological, in *Haller, Bibl. Bot.*, ii, p. 431.

PHALLUS IMPUDICUS, Linn.

Stinkhorn.

1865. KALENICZENKO, J. DE. Observations pratiques sur l’action médicale du champignon Phallus impudicus (Dziabka) dans certaines maladies de l’homme. (Ex. in *Union Médicale*, March, 1865.) Paris, 8vo, pp. 7.
 For abstract of the facts contained in this pamphlet, see *Brit. and For. Med.-Chir. Rev.*, October, 1866, p. 527.

PHELLANDRIUM AQUATICUM, Linn.

Water Fennel. Fine-leaved Water Hemlock.

1699. FISCHER, T. F. De Phellandrii aquatici usu. Wittenbergæ, 4to, pp. 36, tab. i.
1739. ERNSTING, A. K. Phellandrologia physico-medica seu Exercitatio de medicamento novo vulgo Peersaat dicto. Brunsvigæ, 4to, pp. 39, t. i. *Bibl. Med. Soc. Lond.; Banks.*
 Bona icon radicis et seminis...In Saxonia inferiori semen habetur pro remedio vulnerum et ulcerum. Noster pro antipyreto habet. Analysis, &c. —Vide *Haller, Bibl. Bot.*, ii, p. 303.
1771. LANGE, J. H. Heilsame Wirkungen des Wasserfenchels oder Peersaats. Frankfurt und Leipzig, 8vo. Ibid. 1775, 8vo, pp. 48.
 Idem Helmstädt, 8vo, 1802. *Bibl. Banks.*
 Phellandrii aquatici vires medicatæ, quas auctor exploravit ad vulnera, etiam maligniora, morsus, ulcera, etiam diuturna, pulmonis purulentiam, scorbuticam diathesin, asthma, &c. Seminis dat drachmas in diem duas et tres. Iconem adjecit.—*Haller, op cit.*, p. 548.
1793. SCHWAN, J. P. *De Phellandrii aquatici caractere botanico et usu medico. Præs. B. C. Otto. Traject. ad Viad. 4to, pp. 28. *Bibl. Banks (sub nom. Otto.)*

1802. EBBINGE, J. *De Phellandrio aquatico. Groningæ, 8vo, pp. 50. *Bibl. Roy.*
1802. BERENS, —. De Phellandrio aquatico, ejusque in Phthisi purulenta virtutibus. Francof. ad Viad.
1815. FIQUEIREDO, J. J. DE. Noticia do Phellandrio aquatico (Ex. in *Journ de Coimbra*, vol. vii, p. 80). Lisboa, 8vo.
1818. BERTHOLD, A. H. *De seminis Phellandrii aquatici virtutibus medicis cum ejus analysi chemica. Halæ, 8vo, pp. 44. *Bibl. Coll. Phys. Edin.*
1819. STANELLI, H. *De Phellandrio aquatico. Vratislaviæ, 8vo.
1828. WENZEL, C. Die Heilkräfte des Wasserfenchelsamens (*Phellandrii aquat. semina*) besonders in Lungensuchten in Psoasabscessen, in äusseren Geschwüren und im Keichhusten, &c. Erlangen, 8vo, pp. 136. *Bibl. Roy.*
- A full and scientific enquiry into the properties and uses of phellandrium seed. Cases of chronic bronchitis, whooping-cough, psoas abscess, and obstinate ulcerations, treated by it are recorded, with results on the whole satisfactory. For critical analysis, see *Dublin Journ. of Med. Sci.*, vol. ii, 1833, p. 89—91.
1856. BELUGON, —. De l'emploi médical des semences de Phellandrie. Montpellier, 8vo, pp. 16.

PHLORIDZINA.

Phloridizine.

1836. KONINCK, L. DE. Mémoire sur les propriétés et l'analyse de la Phloridzine. Louvain, 8vo.

For an excellent account of this bitter principle discovered by M. de Koninck in the bark and root of the apple, pear, cherry, and plum tree, see Dunglison's 'New Remedies,' seventh ed., p. 574. Its chief claim to notice is as an antiperiodic in intermittent fever.

ACIDUM PHOSPHORICUM.

Phosphoric Acid.

1781. SPIELMANN, J. R. Commentarium de analysi urinæ et Acido Phosphoreo. Argentorati, 4to. (In *Wittwer, Diss. Med. Argent.*, iv, p. 291). *Bibl. Med. Chir.-Soc. (Wittwer).*
1797. MÜLKENS, J. B. *De Acidi Phosphorici virtute medica. Duisburgi, 8vo, pp. 56. *Bibl. Roy.*
1799. BASSENGE, J. F. *De Acido Phosphoreo usui therapeutico rite accommodando. Lipsiæ, 8vo, pp. 35.
1802. ENGEL, G. H. *Diss. ossium Cariem atque Necrosin nec non Acidi Phosphorici in illis curandis efficaciam exhibens. Giessæ, 4to, pp. 62.
1802. F. B. Med.-praktische Abhandlung der Phosphorsäure angewandt in Neuropathie, ausschliessend auf Mutterkrämpfe. Wien, 8vo. *Bibl. Roy.*

1807. LUTZELBERGER, —. Observations sur l'efficace de l'Acide Phosphorique employé à l'intérieur dans les Pertes Utérines éminemment asthéniques. (Ex. *Journ. de Hufeland*, xxvi May, 1807).
1807. VRIES, P. DE. Observationes de Acido Phosphorico. Groningæ.
1808. RENARD, —. *De Acidi Phosphorici ad Necrosim, Cariem-que ossium sanandas utilitate. Paris, 4to.
1814. GOEDEN, H. A. Von der Arzneikraft der Phosphorsaure gegen den ansteckenden Typhus. Berlin, 8vo, pp. 152. *Bibl. Roy.*
1853. ZENKER, F. E. *De quibusdam ad rationem quæ est inter Acidum Molybdicum et Acidum Phosphoricum pertinentibus. Dresden, 8vo, pp. 12.
1870. ANDREWS, J. B. Physiological action and therapeutic use of the Acidum Phosphoricum dilutum. New York, 8vo ?

PHOSPHORUS.

1676. ELSHOLZ, J. S. De Phosphoris, observationes quatuor. Berolini, 8vo. *Ibid.* 1681.
1678. KUNCKELIUS, J. Tractatus de Phosphoro et Nitro. Wittembergæ, 8vo.
1678. RUCKELS, J. De Phosphoro mirabili. Lipsiæ, 12mo. *Bibl. Med. Soc. Lond.*
1680. CELLIO, M. A. Il Fosforo. Roma, 12mo.
1688. KLETWICH, J. C. *De Phosphoro liquido et solido. Francof. 4to. *Bibl. Coll. Phys. Edin.*
1690. KIRCHMAIER, G. C. *De Phosphoro. Vittebergæ, 4to. *Bibl. Med. Soc. Lond.*
1731. SACHS, —. *Diss. de Phosphoro. Argentorati, 4to.
1732. TEICHMEYER, J. F. *Diss. de Phosphoris. Jenæ, 4to.
1745. BECCAIVUS, J. B. De quam plurimis Phosphoris nunc primum detectis. Bonon. 4to. *Bibl. Facult. Glasgow.*
1751. MENTZ, J. G. *De Phosphori loco medicamenti adsumti virtute medica, aliquot casibus insignibus confirmata. Resp. A. Vater. Wittembergæ, 4to. Idem in Haller's *Diss. ad Morb.*, vii, pp. 292. *Bibl. Med.-Chir. Soc. (Haller.)*

Dr. Mentz appears to have been one of the first practitioners who prescribed phosphorus internally. In this thesis he gives the history of two cases of "putrid" or typhus, and one of the low "bilious" fever, successfully treated with it. A short abstract of these cases is given in *London Med. Review and Mag.*, vol. i, 1799, p. 74, *seq.* He likewise speaks of its efficacy in the adynamic (malignant) forms of smallpox.

1755. PENTZKI, C. W. *Diss. de Phosphori urinæ analysi et usu medico. Præs. E. A. Büchner. Halæ, 4to.
1757. LOTICHIVS, P. N. *De Phosphoris et Phosphoro urinæ.

Lugd. Bat. 4to. Idem in Schlegel, *Thes. Mat. Med.*, vol. iii, art. 30, p. 43. *Bibl. Med.-Chir. Soc.* (Schlegel).

Chiefly occupied with an account of the origin, various sources, and physical characters of phosphorus. It does not enter into the consideration of its physiological action or therapeutic uses.

1760. BARCHEWITZ, M. A. *Diss. medica sistens spicilegia ad Phosphori urinarii usum internum medicum pertinentia. Præs. E. A. Büchner. Halæ, 4to. Idem in *Sandifort Thes.*, i, p. 159.

Bibl. Med.-Chir. Soc. (Sandifort).

1762. THOMAS, —. Diss. de usu Phosphori in medicina.

Regiomonti, 4to.

1763. HUDEMANN, G. F. *Diss. observationes quasdam ad Cicutæ ...et Phosphori usum internum pertinentes sistens. Præs. P. J. Hartmann. Helmstadii, 4to.

1768. REINLEIN, J. Diss. de Phosphoris. Vindobonæ, 8vo.

1773. ELFFENBERG, E. M. *De noxio Phosphori urinæ in medicina usu. Præs. P. J. Hartmann. Traject. ad Viad. 4to, pp. 28.

1786. TIETZ, C. *Diss. usum Phosphori urinarii internum a nuperis opprobriis vindicans. Præs. P. J. Hartmann.

Traject. ad Rhen. 4to, pp. 28.

1789. JOSEPHI, T. *De Phosphori usu interno.

Helmstadii, 8vo, pp. 31.

1790. WOLFF, A. F. *Analecta quædam med. de Phosphori virtute medica.* Gottingæ, 12mo.

This thesis contains the history of twelve cases, ten of them low or typhus fever, in which phosphorus was employed with great advantage. For a good abstract of these, see *London Med. Review and Mag.*, vol. i, 1799, p. 76, *seq.*

1798. WEIGEL, C. E. *Diss. de Phosphori usu medico. Jenæ, 4to.

1798. BRERA, V. L. *Riflessioni medico-pratiche sull' uso interno del Fosforo, particolarmente nell' Emiplegia.* Pavia, 8vo, pp. 46.

In this treatise, Brera, after relating his own observations as well as those of other physicians on the use of phosphorus, gives a short history of a case of hemiplegia in which death followed its administration. He expresses his surprise at any physician recommending the use of so dreadful a remedy! The work on the whole contains much information and is well deserving of attention.—*Med. Phys. Journ.*, i, 1799, p. 412.

1800. BOUTTATZ, F. *Ueber den Phosphor als Arznei-Mittel.*

Göttingen, 8vo, pp. 116.

Bibl. Med. Soc. Lond.

Divided into five chapters. 1st. Historical notice of phosphorus. 2nd. Its medical history, containing a list of preceding writers, arranged in chronological order, with the views of each respective writer. 3rd. Results of the foregoing chapter, with directions how to use phosphorus in the most advantageous manner. 4th. The author's own experiments on birds and quadrupeds, made with the view of determining its effects and *modus operandi*. 5th. On its nature and medical use. The author arrives at the conclusion that phosphorus is an efficacious and powerful remedial agent, that is by no means to be considered as a specific remedy against any particular disease, but may be successfully used in most diseases attended with extreme debility, after all

other means have been tried in vain to rouse the depressed vital powers. He was the first to discover that the addition of camphor greatly lessens the inflammability of phosphorus and thereby qualifies it to be used as an external application.—*London Med. Review and Mag.*, vol. iv, 1800, p. 1—5.

1802. LEROY, A. Sur les propriétés médicales du Phosphore. Paris, 8vo.
1804. JACQUEMIN, E. C. *Diss. sur l'usage médicamenteux du Phosphore. Paris, 4to.
1811. MARTINELLI, J. B. Sull' uso interno del Fosforo. Milano, 8vo.
1813. WEGELIN, H. *Animadversiones chemico-medice de Phosphoro. Gottingæ, 8vo, pp. 64.
1813. SCHAUFFENBUEL, —. *Diss. sur le Phosphore. Strasbourg, 4to.
1815. BIANCHI, G. Sopra alcune proprietà del Fosforo. Pisa, 8vo. *Bibl. Coll. Surg. Lond.*
1815. BOUDET, J. P. *Essai sur quelques préparations du Phosphore et de ses combinaisons. Paris, 4to.
1815. LOBSTEIN, J. F. D. Recherches sur le Phosphore: ouvrage dans lequel on fait connaître les effets extraordinaires de ce remède dans le traitement de différentes maladies internes. Strasbourg, 8vo, pp. 107. American (English) transl. Philadelphia, 8vo, 1825. German transl. by G. W. Becker, Leipzig, 8vo, 1817. *Bibl. Coll. Surg. Lond.*
- This monograph contains a copious historical notice of phosphorus, its chemical and physical properties, and an account of the diseases in which it had been previously employed, concluding with the author's original remarks and the results of his experience. Cases of typhus fever, pneumonia, periodical cephalalgia, chlorosis, &c., are given as illustrative of its efficacy. He administered it in solution in sulphuric ether with the addition of a few drops of an essential oil, and a little syrup or sugar.—*London Med. Phys. Journ.*, xxxvi, 1816, p. 337, seq.
1816. STUVE, D. *Diss. physico-chemico-medica de Phosphoro. Erfordia, 4to.
1817. HANKEL, F. *Diss. medico-chemica de Phosphoro. Berolini, 8vo.
1818. ROEBI, J. H. Merkwürdige Beobachtungen über den innern und äussern Gebrauch des Phosphors, sowohl bei chronischen als auch bei einigen acuten Krankheiten. Wien, 8vo, pp. 60. Ibid. 1819. *Bibl. Coll. Surg. Lond.*
1830. DISTINON, C. VON. *Nonnulla de Phosphori vi et usu medico interno. Berol. 8vo, pp. 60.
1830. BAYLE, A. L. J. Sur le Phosphore. (Ex. in *Bibl. Thérapeutique*, vol. ii, p. 1—126.)
- A full resumé of all that had been written up to date on the subject.
1850. BENEKE, F. W. Der phosphorsaure Kalk in physiolog. und therapeut. Beziehung. Ein Beitrag zur physiolog. Heilkunde. Göttingen, 8vo, pp. 88, pl. 2.

1851. PUEL, J. A. E. Étude clinique sur l'emploi de l'Ammoniaque liquide, ..et du Phosphore dans le traitement de l'Epilepsie. Metz, 8vo, pp. 16.
1856. PHIPSON, T. L. Recherches nouvelles sur le Phosphore. Bruxelles, 8vo. *Bibl. Med.-Chir. Soc.*
1857. TURCK, L. Du Phosphore et de quelques phosphates aux points de vue physiologique, pathologique et thérapeutique. Paris, 8vo.
1862. SORGE, G. W. Der Phosphor ein grosses Heilmittel, physiologisch geprüft und therapeutisch verwerthet, &c. Leipzig, 8vo.
1866. CHAPUSOT, P. L. *Étude médicale sur le Phosphore. Paris, 4to.
1868. DUJARDIN-BEAUMETZ, G. Sur l'emploi du Phosphore en médecine et en particulier dans le traitement de l'Ataxie Locomotrice Progressive. (Ex. *Bull. Gén. de Thérap.*, 1868.) Paris, 8vo, pp. 28.
- Contains an account of four cases of locomotive ataxy treated with phosphorus, two with phosphuretted chloroform, and two with phosphuretted oil. Though none of the cases were cured, the condition in all was improved. The author believes that the facts observed in these cases afford ground to expect that phosphorus may prove a highly valuable means of treating ataxies.—*Amer. Journ. Med. Sci.*, January, 1869, p. 223.
1868. GOURBEYRE, P. F. *Essai sur l'emploi thérapeutique du Phosphore. Paris, 4to.
1868. MORIS, P. E. *Essai sur l'emploi thérapeutique du Phosphore. Paris, 4to.
1869. REULOS, H. *De l'emploi du Phosphore dans les Paralysies et l'Ataxie Locomotrice Progressive. Paris, 4to.
1869. SERÉE, H. *Des effets physiologiques du Phosphore et de ses indications thérapeutiques. Paris, 4to.
1870. BENEKE, F. W. Zur Würdigung d. phosphorsauren Kalkes in physiologischer und therapeutischer Beziehung. Marburg, 8vo, pp. 48.
1871. TAVIGNOT, —. Des Cataractes et de la médication Phosphorée. Paris, 8vo, pp. 30.
1871. REINVILLIER, A. Curabilité de la Phthisie Pulmonaire par la médication Phosphorée. Paris, 8vo, pp. 32.
1872. PERCY, S. R. What physiological value has Phosphorus as an organismal element? (A prize essay.) Philadelphia, 8vo, pp. 56.
1873. BORDENAVE, L. *Des effets physiologiques et thérapeutiques de divers composés du Phosphore. Paris, 4to.
1874. THOMPSON, J. A. Free Phosphorus in Medicine; with special reference to its use in Neuralgia. London, 8vo, pp. 275.

This work contains a full account of the pharmacy of the drug, and of the

various formulæ in which it may be administered internally; a short notice of its physiological and toxic effects, and a much longer account of its therapeutic uses, and we know of no other place in which the information of the history, pharmacy, and uses of phosphorus is to be obtained in so complete and handy a form as in this volume. The bibliography at the end is alphabetically arranged, and therefore not so likely to be useful as if arranged chronologically.—*Edin. Med. Journ.*, May, 1875, p. 1034.

1875. LEMAIRE, E. *De l'emploi thérapeutique du Phosphore dans quelques Affections du Système Nerveux. Paris, 4to.
 1875. MÉHU, C. Sur les différents modes d'administrer le Phosphore en nature. Paris, 8vo, pp. 11.
 1875. KIRBY, —. On the uses and administration of Phosphorus. (Pamphlet.) London.

Dr. Kirby regards phosphorus as a medicine especially calculated to supply or restore that principle to the system, and he specifies the cases in which its use is indicated. He maintains that its successful employment depends entirely on its administration in the free state, that is, before its conversion into phosphoric acid or other phosphorous compound. He therefore recommends its use in the form of pills, which he calls *Pilula Phosphori Mollis*, to distinguish it from the *Pilula Phosphori B. Ph.*, which is hard and insoluble.—*Brit. and For. Med.-Chir. Rev.*, October, 1875, p. 453.

PHOSPHORUS.

Its Poisonous and Injurious effects.

1845. LIEBEBECK, P. J. De veneficio Phosphoreo acuto. Upsalæ, 8vo, pp. 30.
 1846. BUCHNER, F. X. *Toxikologische Geschichte des Phosphors. Nürnberg, 8vo.
 1847. BIBRA, F. E., et GEIST, L. Die Krankheiten der Arbeiter in den Phosphorzündholzfabriken, &c. (The diseases of the workmen employed in lucifer manufactories, and especially the affections of the maxillæ produced by the vapour of Phosphorus considered in their chemico-physiological, medico-chirurgical and forensic relations). Erlangen, 8vo, pp. 347, tab. col. 9.

Bibl. Med.-Chir. Soc

Contains a summary of all that continental authors have written on the subject, as well as an original and satisfactory investigation of the disease. Worthy in every way of the existing state of natural and strictly medical science.—*Brit. and For. Med.-Chir. Rev.*, April, 1848, p. 446, q. v. For full analysis of this important work, see also *Edin. Med. Surg. Journ.*, vol. lxxix, p. 123 and p. 288, where will be found a full digest of all that is in Bibra and Geist's work, accompanied by much original and interesting matter by Mr. J. B. Harrison on the injurious effects arising from the manufacture of lucifer matches at Manchester.

1852. DASSIER, A. De l'empoisonnement par le Phosphore : observations et réflexions. Toulouse, 8vo.
 1852. GEIST, L. Die Regeneration des Unterkiefers nach totaler Necrose durch Phosphordämpfe. Erlangen, 8vo. Plates.
Bibl. Med.-Chir. Soc.
 1854. GERDES, A. Diss. de Necrosi Phosphorea. Berlin, 8vo, pp. 32.

1855. CHAUSSÉ, S., et CHEVALLIER, A. Considérations générales sur le Phosphore, les pâtes phosphorées et les allumettes chimiques. Paris, 8vo, pp. 40.
1855. CHEVALLIER, A. Sur la substitution du Phosphore amorphe au Phosphore ordinaire, ou indication des moyens à mettre en pratique pour faire cesser le danger d'empoisonnement et soustraire les ouvriers qui fabriquent les allumettes chimiques aux accidents inhérents à cette fabrication. Paris, 8vo, pp. 16.
1856. CNYRIM, T. A. De Necrosi Phosphorea. Wirceburgi, 8vo, pp. 27.
1857. BESNOU, L. Recherches médico-légales sur une intoxication Phosphorique. (Ex. *Mém. de la Soc. Acad. de Cherbourg*). Cherbourg, 8vo, pp. 20.
1858. ZEIDLER, G. W. Diss. de ossium maxillarum Necrosi Phosphori albi vaporibus effecta. Berolini, 8vo, pp. 48.
1858. LINDBERG, K. De Necrosi Phosphorica ossium. Dorpati, 8vo, pp. 44, tab. lith.
1858. TRÉLAT, U. De la Nécrose causée par le Phosphore. Paris, 4to, pp. 123.
1859. SANDAHL, O. T. Om forgiftning med Fosfor. Stockholm, 8vo, pp. 12.
1859. POGGIALE, A. B. Rapport sur l'empoisonnement par le Phosphore. Paris, 8vo, pp. 24.
1861. CHEVALLIER, A. Mémoire sur les allumettes chimiques préparées avec le Phosphore ordinaire, et sur les dangers qu'elles présentent sous le rapport de la santé des ouvriers, de l'empoisonnement, de l'incendie, &c. (Ex. *Ann. d'Hygiène*, 2nd series, 1861, vol. xv). Paris, 8vo, pp. 88.
1861. EHRLE, E. Charakteristik der akuten Phosphorvergiftung des Menschen. Tübingen, 8vo, pp. 40, tab. ii.
1861. BOUVIER, —. De la Nécrose Phosphorée et de la prohibition des allumettes chimiques. Paris, 8vo, pp. 34.
1862. GALLAVARDIN, —. Les Paralysies Phosphoriques. (Ex. *l'Art Médical*, 1862.) Paris, 8vo, pp. 31; idem Paris, 8vo, pp. 87, 1867. *Bibl. Med.-Chir. Soc.*
1863. FRITZ, RANVIER et VERLIAC. De la Stéatose dans l'empoisonnement par le Phosphore. (Ex. *Archives Gén. de Méd.*, July, 1863.) Paris, 8vo, pp. 24.
1863. LANCEREAUX, E. Étude sur la dégénérescence graisseuse des élémens actifs du foie, des reins et des muscles de la vie animale dans l'empoisonnement par le Phosphore. Paris, 8vo. *Bibl. Med.-Chir. Soc.*
1864. BULLÉ, —. *De l'empoisonnement par le Phosphore. Paris, 4to.

1864. FABRE, E. *Sur l'empoisonnement aigu par le Phosphore.
Paris, 4to.
1864. RENAULD, A. *De l'action toxique aiguë des préparations
Phosphorées. Strasbourg, 4to, pp. 30.
1865. MUNK, P., und LEYDEN, E. Die acute Phosphor-vergiftung.
Berlin, 8vo, pp. 188. *Bibl. Coll. Phys. Edin.; Med.-Chir. Soc.*
1867. THIERSCH, C. De maxillarum Necrosi Phosphorica.
Lipsia, 4to, pp. 15.
1868. LEBERT, H., et WYSS, O. Études cliniques et expérimentales sur l'empoisonnement aigu par le Phosphore. (Ex. in *Archives Gén. de Méd.*, 1868, pp. 257, 407, 531, 685).
1869. POIROT, —. *De l'empoisonnement aigu par le Phosphore.
Paris, 4to.
1869. PORTE, —. *Nécrose Phosphorée. Paris, 4to.
1872. KÖHLER, H. Über Werth und Bedeutung, des Sauerstoffhaltigen Terpentinsöls für die Therapie Phosphorvergiftung.
Halle, 4to, pp. 73.
1872. LEBOUCHER, J. T. *De l'empoisonnement aigu par le Phosphore.
Paris, 4to.
1874. MAGITOT, E. De la Nécrose Phosphorée. Paris, 8vo, pp. 8.
1873. JAGU, A. *Contribution à l'étude de la Nécrose Phosphorée. Paris, 4to. Ibid. 1874, 8vo, pp. 62, pl. 8.
1874. TRÉLAT, —. Sur la Nécrose Phosphorée (marche et thérapeutique). Paris, 8vo, pp. 10.
1875. ROMMELAERE, —. De l'empoisonnement par le Phosphore, et de son traitement par l'Essence de Térébenthine de France.
Bruxelles, 8vo, pp. 49

PHYSOSTIGMA VENENOSUM, Balfour.

Calabar Bean plant.

1855. CHRISTISON, R. On the properties of the Ordeal Bean of Old Calabar, Western Africa. (Ex. in *Edin. Monthly Journ. of Med.*, March, 1855, p. 193.)

A highly interesting narrative, containing the earliest scientific account of the physiological effects of Calabar bean on the human organism as experienced by the author in some trials which he made with it on his own person.

1863. FRASER, T. R. *On the characters, actions, and therapeutic uses of the Ordeal Bean of Calabar.
Edin. 8vo, pp. 44.
Bibl. Coll. Phys. Edin.

Next to Professor Christison, we are mainly indebted to Dr. Fraser for the introduction of physostigma into practice. He has extended and fertilised the first researches of Christison, and this thesis is a complete repertory of information on the subject. As a therapeutic agent he attributes to it a capacity of allaying morbid excitation of the spinal system, which indicates its use in tetanus and all hyperæsthetic conditions of the cord; a sedative

action on the heart which is of value in erysipelas, delirium tremens, febricula, acute bronchitis, and rheumatic fever; local anodyne properties in neuralgia; and the power of destroying the parasites of the skin.—*Lancet*, November 21st, 1863, p. 598.

1863. WARLOMONT, E. *La Fève de Calabar, ses propriétés physiologiques et ses applications à la thérapeutique oculaire.* (Ex. *Ann. d'Oculistique.*) Bruxelles, 8vo, pp. 32.

1863. HARLEY, G. *An account of the literary history, botanical characters, and therapeutical properties of the Ordeal Bean of Old Calabar.* London, 12mo, pp. 16.

An interesting *résumé* of known facts, of which the author has proved the accuracy by personal experiment. He concludes that the action of the Calabar bean on the heart is not that of a cardiac poison as circulation continues after apparent death from its action, and that it paralyses the motor and not the sensory nerves.—*Lancet*, November 21st, 1863, p. 598.

1863. ROBERTSON, D. ARGYLL. *The Calabar Bean as a new agent in ophthalmic medicine.* Edin. 8vo.

1864. NUNNELEY, T. *On the Calabar Bean, its action, preparations and uses.* London, 8vo, pp. 38. *Bibl. Linn. Soc.*

Treats of, 1st, the internal effects of the bean given alone or in combination with strychnia. 2nd. The best solvent of its active principle. 3rd. Its local effect on the eye and the most convenient form for its use in practice. The whole subject is well summed up in this memoir.—*Medical Times and Gaz.*, January 9th, 1864, p. 50.

1864. TACHAU, J. *Ueber die Wirkung des Calabarbohnen-Extractes.* Zurich, 8vo. *Bibl. Manchester Med. Soc.*

1864. LOPÈS, J. C. L. **Étude sur la Fève de Calabar (Physostigma venenosum.)* Paris, 8vo, pp. 78, cum tab.

1865. VÉE, A. **Recherches chimiques et physiologiques sur la Fève de Calabar.* Paris, 8vo, pp. 34. *Bibl. Pharm. Soc.*

1867. TEICH, —. **Chemische Untersuchung der Calabarbohne.* St. Petersburg.

Some of the results obtained by Teich are detailed by Flückiger and Hanbury in *Pharmacographia*, p. 169.

1867. FRASER, T. R. *On the physiological action of the Calabar Bean.* (Reprint from *Trans. of Royal Society of Edinburgh.*) Edin. 4to, pp. 74.

A remarkable paper. Dr. Fraser has here collected all that has been said as to the effects of the physostigma, and has added largely to our information by an extensive series of well-directed inquiries tending to elucidate the action of the substance on every part of the system whether administered by the stomach, hypodermically, or directly applied. The paper may stand as a model for such inquiries.—*Medical Times and Gaz.* April 25th, 1868.

1867. WATSON, EBEN. *On the physiological action of the Ordeal Bean of Calabar, and its antagonism to Tetanus and Strychnia-poisoning.* (Ex in *Edin. Med. Journ.*, May, 1867, p. 999.)

Contains much that is interesting alike to the physiologist and therapist.

1868. ROEBER, H. *Ueber die Wirkungen des Calabar-extractes auf Herz und Rückenmark. Berlin, 8vo.

Presents in a concentrated form every fact and opinion of the slightest importance with regard to the action of Calabar bean which has been put forward by other observers. It contains also a record of a long series of the most painstaking and careful researches by the author in which he tests the correctness of previous theories upon every point concerning the action of the drug, especially on the heart and spinal cord. For an abstract of his conclusions, which confirm the statements of Professor Fraser, see *Practitioner*, August, 1869, pp. 117, 118.

1868. BOURNEVILLE, —. De l'emploi de la Fève de Calabar dans le traitement du Tétanos. Paris, 8vo, pp. 16.

1869. NAVARRO, F. DE P. *Étude sur la Fève de Calabar. Paris, 4to.

1870. BOURNEVILLE, —. De l'antagonisme de la Fève de Calabar et de l'Atropine. Paris, 8vo, pp. 8.

1870. LEVEN et LABORDE. *Vide* "Eserine," 1870.

1871. FRANZOLINI, F. Tetano traumatico curato senza successo colla Fava del Calabar e col Cloralio. Padova, 8vo, pp. 24.

1872. FRASER, T. R. Experimental research on the antagonism between the actions of Physostigma and Atropia. (*Ex. Trans. Royal Soc. of Edinburgh*, vol. xxvi.) Edin. 4to.

A valuable addition to pharmacological literature. The author commenced his researches between the lethal actions of physostigma and atropia in 1868, and the experimental data and views embodied in this work harmonise with what Kleinwächter and Bourneville had previously written. The experiments were chiefly performed on rabbits by subcutaneous injection. The general conclusions arrived at from the results of 161 experiments are that atropia prevents the fatal effects of a dose of physostigma by influencing the functions of certain structures, and producing a physiological antagonism. The work is illustrated by careful diagrams, and altogether it exhibits patient honest toil, with considerable literary skill.—*Lancet*, June 1st, 1872, p. 760.

1873. TISON, E. E. A. *Histoire de la Fève de Calabar. Paris, 4to.

1874. GRANDCLÉMENT et SORDES, MM. De la Fève de Calabar et de ses applications en oculistique. Paris, 8vo, pp. 23.

1875. BARBOSA, A. M. Recherches sur l'action de la Fève de Calabar, Mémoire lu à l'*Acad. Roy. des Sci. de Lisbonne*, December 15th, 1864. Traduit du Portugais par E. Bertherand. Marseille, 8vo, pp. 15.

1875. BENNETT, J. H. On the antagonism between Calabar Bean and Sulphate of Atropia, Hydrate of Chloral, Strychnia, and Morphia. See "Medicines, Properties of," 1875. See also "Eserine."

PHYTOLACCA DECANDRA, Linn.

Poke. American Pokeweed.

1792. KÜHN, J. F. W. *De Phytolacca. Præs. B. C. Otto. Traject. ad Viad. 4to, pp. 19.

1795. SCHULTZ, B. *Botanico-medical diss. on Phytolacca decandra, Linn. Philadelphia, 8vo, pp. 55, tab. i.

1831. DUBUC, —. Mémoire sur le *Phytolacca decandra*, *Linn.*, ou *Phytolaque*. Rouen, 8vo, pp. 28.

PICHURIM BEANS AND BARK.

The products of *Nectandra Puchury*, Martius.

1792. HARTMANN, S. A. F. **De Pechuri*. Francof. ad Viad. 8vo, pp. 28. *Bibl. Banks.*
An investigation into the action of the Pichurim beans and bark.—*Callisen*.
1815. HES, J. H. DE, et EGELING, W. *Waarneemingen over het gebruik der Faba Pichurim in den Fluor Albus*. Leyden, 8vo, pp. 32.

PICRIC ACID.

1865. ERB, W. *Die Pikrinsäure, ihre physiologischen und therapeutischen Wirkungen*. Würzburg, 8vo, pp. 36, tab. i.
1868. PARISSET, F. *Propriétés thérapeutiques de l'Acide Pierique et spécialement de son emploi comme succédané du Sulfate de Quinine*. Paris, 4to, pp. 44.

PICROTOXINE.

Poisonous principle of *Cocculus Indicus*.

1847. TSCHUDI, J. J. VON. *Die Kokkelskörner und das Picrotoxin*. St. Gallen, 8vo, pp. 130.
1851. GLOVER, R. M. On the physiological properties of Picrotoxin. (Ex. in *Edin. Monthly Journ. of Med.*, April, 1851, p. 305, seq.)

An important contribution to our knowledge of this principle.

1875. PLANAT, F. *Recherches physiologiques et thérapeutiques sur la Picrotoxine*. Paris, 8vo, pp. 32.

M. Planat's researches, as recorded in this work, have been directed to the endeavour to find some remedy for epilepsy. To this end he proposes picrotoxine, not as a specific but as a really useful medicine. The Paris Academy of Medicine, without guaranteeing the correctness of all M. Planat's observations and conclusions, has shown its estimation of meritorious work carried on through twelve years by awarding him one of the Barbier Prizes of the value of 500 francs.—*London Med. Record*, May 26th, 1875, p. 327.

See also "*Cocculus Indicus*," p. 366.

PILOCARPUS PINNATUS.

Jaborandi.

1875. FÉRÉOL, —. *Note sur le Jaborandi du Dr. Coutinho*. Clichy, 8vo, pp. 4.
1875. DUMAS, P. **Du Chlorohydrate de Pilocarpine*. Paris, 4to.
1875. MACHIAVELLI, P. *Lo Jaborandi del Brasile e lo Yaguarundi del Paraguay: comunicazione*. Milano, 8vo, pp. 14.
1875. ROBIN, A. *Études physiologiques et thérapeutiques sur le Jaborandi (Pilocarpus pinnatus)*. Paris, 8vo, pp. 127.

For an abstract of the observations of MM. Robin, Féréol, and others, including Drs. Gubler, and Coutinho, and Mr. Langley of Cambridge, see *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 506. See also *London Med. Record*, May 27th, 1875, p. 66.

1875. TIVRONI, G., et CHIOCCONI, G. B. *Ricerche sperimentali sull' Jaborandi.* Bologna, 8vo.

PIMPINELLA SAXIFRAGA, Linn.

Burnet Saxifrage.

1723. HEIMREICH, E. F. J. **De Pimpinella alba. Altdorfii*, 4to, pp. 20. *Bibl. Radcliffe; Banks.*
 1726. HERT, J. C. **De Pimpinella Saxifraga. Resp. L. H. L. Hitchen. Giessæ*, 4to, pp. 32. *Bibl. Banks.*
 1757. HARNISCH, J. A. *Meditationes botanico-medice de planta quadam Marchie propria Pimpinella nigra quibus demonstratur illam in multis morbis insignem possidere virtutem et efficaciam.* Lipsiæ, 4to, pp. 48. *Ibid.* 1758. *Bibl. Med. Soc. Lond.*

PISTACHIA TEREBINTHUS, Linn.

1542. HOFFMAN VON HOFMANSTHAL, I. *Die Caruba de Giudea gegen Lungendampf und andre Brustkrankheiten, naturhistorisch und medizinisch bearbeitet.* Wien, 8vo, pp. 24, tab. i.

PINUS Sp. of.

1553. BELON *vel* BELLONIUS, P. *De Arboribus Coniferis, resiniferis aliisque, &c.* Paris, 4to, figs. *Bibl. Banks.*
 1679. AXTIUS, J. C. *Tract. de Arboribus Coniferis et Pice conficienda.* Jenæ, 12mo, pp. 118, tab. 5. *Bibl. Banks.*
 Non malus libellus, quo picis et fuliginis in Sylva Hercynia Thuringiæ parandæ modus traditur et carbonum. Reliquas etiam arbores coniferas percurrit, cum aliqua philologia, etiam de Agarico.—*Haller, Bibl. Bot.*, i, p. 603.
 1712. CAMERARIUS, R. J. *Biga Botanica sc. Cervaria nigra et Pini coni, &c.* Tubingæ, 4to, pp. 16. *Bibl. Banks.*
 1714. ROBERG, L. **De Piceæ, Pinique sylvestris resina. Resp. J. Hesselius.* Upsaliæ, 4to, pp. 24. *Bibl. Banks.*
 Short notice of contents in *Haller, Bibl. Bot.* ii, p. 101.
 1754. BÜCHNER, A. E. **De Pinastro seu Pino sylvestri. Resp. G. E. Fuchs.* Halæ, 4to, pp. 29. *Bibl. Banks.*
 1801. CAILLAU, J. M. *Mémoire sur une prétendue pluie sulfureuse qui doit être attribuée à la poussière des Pins, &c.* Bordeaux, 8vo.
 1805. CAILLAU, J. M. *Notice sur l'emploi de l'écorce de Pin dans les Fièvres Intermittentes.* Bordeaux, 8vo.
 1803-24. LAMBERT, A. B. *A description of the genus Pinus, illustrated with figures...with remarks on the use of the several species.* London, 2 vols. folio. Second ed. 3 vols. folio. London, 1828-1837, cum. tabs. col.
 A magnificently illustrated work.
 1831. NARDO, L. *Corticis Pini maritimæ analysis chemica et usus medicus.* Patavii, 8vo.

1834. NARDO, L. Su alcuni usi ed applicazioni economiche del Pinus maritima, e della sua corteggia. Venezia, 4to, pp. 20.
1835. KRATZMANN, E. J. *De Coniferis usitatis. Pragæ, 8vo, pp. 80.
1856. LAGASSE, E. Notice sur l'extraction de la Sève du Pin maritime des Landes, de la Gironde, et sur l'efficacité de ce médicament, &c. Bordeaux, 8vo, pp. 16.
1868. RAY, G. Studien über Pharmacologie und Pharmokodynamik d. Oleum Pini æthereum (Oleum Templinum). Tübingen, 8vo, pp. 101.

PIPER (CHAVICA) BETLE, Linn.

The Betel Vine or Pepper.

1804. PÉRON, F. Observations sur la Dyssenterie des pays chauds et sur l'usage du Bétel. Paris, 8vo.

For a slight sketch of the medicinal uses of this plant, especially of its leaves as an external application in catarrhal and pulmonary affections, see *Pharmacopœia of India*, p. 208.

PIPER METHYSTICUM, Linn.

Kava of the Sandwich Islands, &c.

1856. O'RORKE, —. Du Kawa-kawa ou Piper methysticum. Paris, 8vo, pp. 12.

Mr. T. R. N. Morson furnishes an interesting account of this article in *Pharm. Journ.*, April, 1844, p. 471, illustrated with a plate of the plant and magnified sections of the stem. Amongst other matters he cites a full description of the ceremony of kava drinking from Mariner's *History of the Tonga Islands*. Further details, derived from personal observation, are furnished by Dr. G. Bennett in his *Gatherings of a Naturalist* (London, 1860), p. 392. He also mentions its medicinal properties, which certainly seem to warrant more attention than has been paid to them.

PIPER NIGRUM, Linn., et PIPERINA.

Black Pepper and Piperine.

1588. BAYLEY, WALTER. A discourse of three kinds of Pepper in common use. London? 8vo.
1642. BECKER, D. D. De Pipere et Opio. Resp. H. Custerus. Regiomonti, 4to.
1740. PFEFFER, G. C. De Pipere. Præs. L. Heister. Helmstadii, 4to, pp. 48, tab. i. *Bibl. Banks.*; *Linn. Soc.* (sub nom. Heister).
1823. MELI, D. Nuove esperienze ed osservazioni sul modo di ottenere dal Pepe nero il Peperino e l'olio acre, e sull' azione febbrifuga di queste sostanze. Milan, 8vo, pp. 136, fig. i.

Contains the first satisfactory account of the medicinal properties of pepper (Dr. A. T. Thomson, *Mat. Med. and Therap.*, p. 495). For a summary of Meli's observations and those of others who have written on the physiological effects and the therapeutic uses of piperine, see *Dunglison's New Remedies* (7th ed.), p. 575, et seq.

1826. JOSEPH, M. *De Pipere nigro. Ticini, 8vo, pp. 16.

1827. EDGREN, P. A. **Piper nigrum*. Præs. C. P. Thunberg.
Upsaliæ, 4to, pp. 12.
1831. BONANNO, A. Del uso del Pepe nero nelle Febbri periodiche
(In *Atti dell' Acad. di Sci. Nat.*, vol. v, 1831). Napoli.
1852. THÉNEVON, A. J. Essai sur la famille des Pipéracées et particulièrement sur l'emploi en médecine de quelques plantes de cette famille.
Strasbourg, 4to, pp. 56.

PIX LIQUIDA.

Tar.

1679. AXTIUS, J. C. De Arboribus Coniferis et Pice comficienda.
Vide "Pinus," 1679. Jenæ, 12mo.
1714. ROBERG, L. *De Piceæ Pinique sylvestris resina. *Vide*
Pinus, 1714. Upsaliæ, 4to.
1744. BERKELEY, G. (*Bishop of Cloyne*). Siris: a chain of philosophical Reflections and Inquiries respecting the virtues of Tar Water, &c. London, 8vo. French transl. Amsterdam, 1745, 12mo. Dutch transl. Amsterdam, 1747, 8vo. German transl. Leipzig, 1747, 8vo, and Frankfort, 1749, 8vo. Swedish transl. Stockholm, 1744, 8vo.

Bibl. Med.-Chir. Soc.; Acad. Edin.; Coll. Surg. Lond.

Without detracting from the merits of this good man, to whom the poet ascribed "every virtue under heaven," it is certainly open to question how far he displayed his wisdom in publishing this work on tar water, which he lauds as a *panacea*, curative of almost all the ills which flesh is heir to, and preventive of infection, and the inroads of old age! Few works of the kind, perhaps, ever excited greater attention, both in and out of the profession, at the time of its publication, and it gave rise to a large number of pamphlets (besides those enumerated below), many of which are preserved in the libraries of the Royal Medical and Chirurgical Society and the College of Surgeons, London.

1744. JACKSON, H. Reflexions concerning the virtues of Tar Water. London, 8vo. *Bibl. Med.-Chir. Soc.*
1744. R[EEVE], T. Cure for the epidemical madness of drinking Tar Water. London, 8vo. *Bibl. Med.-Chir. Soc.*
1745. HALES, S. Account of some experiments and observations on Tar Water. London, 8vo. Second ed. with a letter from A. Reid on Tar. London, 1747, 8vo. *Bibl. Med.-Chir. Soc.*
1745. QUELMALZ, S. T. Programma quo infusum Picis liquidæ aquosum declaratur. Lipsiæ, 4to.
1746. PRIOR, T. Narrative of the success of Tar Water in curing a variety of distempers. London, 8vo. Second ed. Dublin, 1758.
Bibl. Med.-Chir. Soc.; Manchester Med. Soc.
1747. BERKELEY, G. (*Bishop*). Two letters on the usefulness of Tar Water in the Plague. London, 8vo. *Bibl. Radcliffe.*
1752. BERKELEY, G. (*Bishop*). Further thoughts on Tar Water. London, 8vo. *Bibl. Radcliffe.*
1757. FLEHEL, G. De infuso Picis liquidæ. Viennæ, 4to.

1817. CRICHTON, Sir A. Account of some experiments made with the vapour of Boiling Tar in the cure of Pulmonary Consumption. Edin. 8vo.
1818. LAZZARETTO, E. Practical hints on the nature and cure of Consumption, with cases in proof of the beneficial effects of inhaling the Fumes of Pitch as a powerful auxiliary to other treatment. Loc?
1823. CRICHTON, Sir A. Observations on the treatment and cure of several varieties of Pulmonary Consumption, and on the effects of the vapour of Boiling Tar in that disease. London, 8vo, pp. 261. *Bibl. Coll. Phys. Edin.*

This is an extension of the pamphlet published by the same author in 1817 (*antè*). In this work he does not confine himself strictly to an examination of the sanative powers of tar vapour and its application in the cure of consumption, but enters into details on many points connected with the pathology of the disease...The work is not entitled to much praise either for novelty of information or excellence in matter or performance.—*Edin. Med. Surg. Journ.*, January, 1824, p. 205.

1832. GIRON, L. *Sur les Maladies Cutanées et sur l'emploi du Goudron dans le Prurigo. Paris, 4to. *Bibl. Med.-Chir. Soc.*
1832. ELBERS, L. *De Pice Liquida. Berol. 8vo, pp. 25.
1860. SALES-GIRONS, —. Traitement de la Phthisie Pulmonaire par l'inhalation des liquides pulvérisés et par les fumigations de Goudron. Paris, 8vo, pp. 332. *Bibl. Med.-Chir. Soc.*
1860. JEANNEL, J. Lettre à M. le Dr. Sales-Girons sur la théorie de la Désinfection par le Goudron. Bordeaux, 8vo, pp. 8.
1868. LEFORT, J. Recherches sur la préparation et les propriétés chimiques de l'Eau de Goudron. Paris, 8vo, pp. 11.
1870. MAGNES-LAHENS, —. Note sur la Liqueur et l'Eau de Goudron Goyot. Toulouse, 8vo, pp. 8.
1871. MAGNES-LAHENS, —. Mémoire sur le Goudron pulvérulent. Suivi d'une note sur le Coal Tar pulvérulent et sur son emploi dans le pansement des plaies. Toulouse, 8vo, pp. 11.
- See also "Coal Tar," p. 365.

PLANTAGO MAJOR, Linn.

Greater Plantain.

1712. WEDEL, G. W. *De Plantagine. Resp. N. Chiliani. Jenæ, 4to, pp. 36. *Bibl. Linn. Soc.*
- Analysis aliqua, nimisæque vires.—*Haller, Bibl. Bot.*, i, p. 559.

PLATANUS ORIENTALIS, Linn.

Oriental Plane Tree.

1837. PEPE, V., et CUPIDO, G. Analisi del frutto del Platano orientale con cui è stato preparato il Liquore Anticolerico, con altri composti attivi a curare i Colerici, &c. Napoli, 8vo, pp. 32.
1840. BOUCHÉ DOUMENQ, —. Notice sur le Platane. Montpellier.

PLATINUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts..., Platins, &c., auf den thierischen Organismus. Tübingen, 8vo.

See Rev. *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See "Metals," 1825.

- 1840 (?) HOEFFER, F. Observations et recherches expérimentales sur le Platine comme agent physiologique et thérapeutique. Paris, 8vo.

PLOCARIA CANDIDA, Nus.

Ceylon Moss.

1840. SIGMOND, G., et FARRE, F. Essay on the Ceylon Moss (*Sphærococcus lichenoides*, Kutz.) London, 12mo, pp. 85.

Under the name of *Fucus amylaceus* Sir W. Brooke (O'Shaughnessy), in 1834, first called attention in recent times, to the dietetic and medicinal uses of Ceylon moss. *Vide Indian Journ. of Med. Science*, March, 1834. A summary of his observations he reproduced in his *Bengal Dispensatory*, p. 668 *et seq.* For a coup d'œil of the observations of Sigmond and Farre, of Mr. Previté (who introduced it into England about the year 1837), and of others, see *Pereira's Mat. Med.*, vol. ii, pt. i, p. 13, where will be found a very full account of the article.

PLOCARIA HELMINTHOCORTON, Endl.

Corsican Moss.

1778. STEFENOPOLI, D. Mémoire sur le Lemithochorton, reconnu comme Vermifuge spécifique dans les hôpitaux militaires, et par les observations des médecins de France. Loc? 4to, pp. 24.

1780. SCHWENDIMANN, P. J. *Helminthochorti historia, natura, atque vires*. Argentorati, 4to, pp. 40. Idem in *Schlegel's Thes. Mat. Med.*, iii, art. 33, p. 181.

Bibl. Banks; Med.-Chir. Soc. (Schlegel).

Contains a full description of apparently all that was known up to that time of the botanical, chemical, and medical history of this article. Several cases are given to illustrate its powers and virtues as an anthelmintic, in which character it is pronounced to act "citissime, jucundissime et tutissime."

1782. LATOURRETTE, M. A. L. C. DE, Diss. botanique sur le *Fucus helminthochorton* ou Vermifuge de Corse. (Ex. in *Journ. de Physique*, t. xx, pp. 168-184. *Bibl. Banks.*

1792. HAEMMERLEN, D. A. **De Fuco helminthochorto*. Erlangæ, 8vo, pp. 53, tab. i. (Idem in *Schlegel, Thes. Mat. Med.*, iii, art. 34, pp. 208.) *Bibl. Banks; Med.-Chir. Soc.* (Schlegel).

Contains later and further information on the botany and chemistry of this article than is to be found in Schwendimann's essay, together with additional evidence of its vermifuge powers.

1822. FARR, W. On the effects of *Fucus helminthochorton* upon Cancer, more especially in the stage denominated Occult.

Mr. O'Meara having mentioned to Mr. Farr that Napoleon (!) had informed him that he had seen the efficacy of "Mosse de Corse" in dispersing tumours in Corsica, acted on the hint, obtained a supply, and found that

it "more than answered the expectations he had first formed of it"! A very doubtful form of testimony! Farr limits its use to "occult cancer." Even in these doubtful cases it is now justly discarded. See notice in *Med. Chir. Review*, March, 1822, p. 732.

PLUMBAGO EUROPÆA, Linn.

Dentillaria, Toothwort.

1781. JUSSIEU, A. L. DE. Détails des expériences pour déterminer les propriétés et les effets de la racine Dentelaire (*Plumbago Europæa*) dans le traitement de la Gale. Paris, 4to.
1817. HURTADO DE MENDOZA, DON MANUEL. Die Ratanhiawurzel: übersetzt mit einer Vorrede über die Anwendung der *Plumbago Europæa* (als *Stypticum*) von Leo Lebrecht. Mainz, 8vo, pp. 45. *Bibl. Roy.*

PLUMBUM.

Lead and its preparations.

1700. SEERUP, N. *Triumphus Lithargyrii, seu Diss. medico-chemica qua vindicatur Saccharum Saturni et Mercurius Lithargyrii ab animadversionibus D. C. Jägerschmidii. Resp. E. Moinichen.* Hafniæ, 4to.
1704. *Proceedings of the College of Physicians in relation to the seventy-four observations upon the use of Lead.* London, 8vo.
This work is inserted on the authority of Haller (*Bibl. Med. Pract.*, iv, p. 381), but I find no mention of it elsewhere, not even in the Catalogue of the College of Physicians' Library.
- 1707 ZELLER, J. *Docimasia, signa, causæ et noxæ Vini Lithargyrio-manganisati.* Tubingæ, 4to.
1712. TOLCKEMIT, S. *De Sacchari Saturni usu et abusu.* Lugd. Bat. 8vo? *Bibl. Manchester Med. Soc.*
1718. ALBRECHT, J. S. **Diss. medica de Cerussa.* Jenæ, 4to, pp. 32. *Bibl. Coll. Phys. Edin.*
1720. FISCHER, J. A. *Diss. de Saturno, ejusdemque natura, usu et noxa. Resp. J. C. Orth. Erfordiæ, 4to, pp. 24.* *Bibl. Banks.*
- 1730 (circa). LE DRAN, H. F. *Lettre sur la dissolution du Plomb dans la Vessie.* 12mo, sine loco et anno. *Bibl. Med.-Chir. Soc.*
1741. HUNDERTMARK, —. *Exercitatio de Sacchari Saturni usu interno salubri, &c.* Lipsiæ, 4to.
1760. GOULARD, M. *Traité sur les effets des préparations de Plomb, et principalement de l'Extrait de Saturne employé sous diverses formes et pour différentes maladies chirurgicales. Pézenas et Montpellier, 2 vols. 8vo. English transl. London, 12mo, 1769, 1770, 1777.* *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1770. ARNAUD, G. Remarks on the composition, use, and effects of Extract of Lead of Goulard and of his Vegeto-Mineral Water. London, 12mo. *Bibl. Med.-Chir. Soc.*
1771. AIKIN, J. Observations on the external use of the preparation of Lead. London, 8vo. Second ed. 1772. German transl. Altenburg, 8vo, 1776, und Halle, 8vo, 1783. French transl. by Verlaç, Paris, 12mo, 1787. *Bibl. Med.-Chir. Soc.; Acad. Edin.; Manchester Med. Soc.*
1772. ALBRECHT, S. J. A. *Medicamentorum Saturninorum et Jovialium historia. Gottingæ, 4to. *Bibl. Med.-Chir. Soc.*
1775. LILIE, G. G. *De Plumbi virtutibus medicis. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*
- 1776-7. WERCHAV, —. *De Plumbo ejusque in corpus humanum vi medicamentosa varia. Lipsiæ, 4to.
1785. SCHMITT, W. J. Antigoulard, in Wahrnehmungen über die Missbräuche und Unsicherheit des Bleiextracts, &c. Wien, 8vo. *Bibl. Roy.*
1787. NEBEL, —. *Diss. de Plumbo. Heidelbergæ, 4to.
1788. MURRAY, A. J. G. De Extracto Saturni et Aqua Vegeto-minerali. Gottingæ, 8vo, pp. 48. *Bibl. Roy.*
1794. CLUTTERBUCK, H. On the internal use of Lead as a medicine, &c. London, 8vo. *Vide* "Injurious Effects," *infra*, 1794.
1797. HOFFMANN, J. C. Über das Blei, die Bleiglasur und wie man eigentlich die Auflöslichkeit der letztern betrachten müsse, &c. Leipzig, 8vo.
1801. SEMMES, T. *Essay on the effects of Lead, comprising a few experiments on the Saccharum Saturni, and its application in the cure of diseases. Philadelphia, 8vo.
Contains many striking and original observations, and distinguished by depth of reflection and solidity of judgment.—*Amer. Journ. Med. Sci.*, xvii, 1835, p. 272.
1801. STARCK, J. G. *De usu Sacchari Saturni in Phthisi pulmonum confirmata. Marburgi, 4to, pp. 29. *Ibid.* 1803. *Bibl. Roy.*
1801. EHLERS, E. A. *De Plumbeorum usu interno problematico. Kiliæ, 8vo.
1809. OSSANN, E. *Diss. sistens Saturni usum medicum maxime internum. Jenæ, 8vo, pp. 64.
1810. NICOLI, A. *De Plumbo. Edin. 8vo.
1811. BARRÈRE, J. *Essai sur le Plomb et sur les préparations médicinales tirées de ce métal. Paris, 8vo.
1813. MAC-ADAM, G. C. *De usu Plumbi externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Manchester Med. Soc.*
1816. BLECKER, J. *De Plumbo ejusque præparatis et eorum in medicina usu. Groningæ, 8vo, pp. 40. *Bibl. Roy.*
1818. STENBERG, J. O. *De usu Acetatis Plumbici crystallisati in Phthisi et Hæmoptysi. Lundæ, 4to, pp. 12.

1818. **TOURNAL, H.** *Propriétés de l'Acétate de Plomb dans le traitement des Plaies, Ulcères, &c. Paris, 4to.
1820. **FOUQUIER, P.** Considérations générales sur le mode d'administration des médicamens et observations sur l'usage interne de l'Acétate de Plomb. Paris, 8vo.
1828. **ROTTER, C. E.** *De Plumbi vi et efficacia. Lipsiæ, 4to, pp. 28.
1829. **LEVRAT-PEROTTON, J. F.** Observations sur l'emploi médical de l'Acétate et du Sous-Acétate de Plomb, &c., dans quelques névroses du cœur et des organes de la génération; précédées d'un exposé succinct des auteurs qui ont administré les préparations Saturnines. Marseille, 8vo, pp. 28.
1831. **O'SHAUGHNESSY (BROOKE) Sir W. B.** Essay on Iodine in Scrofulous diseases, &c., with appendix on the Iodurets of Mercury, Lead, &c. *Vide "Iodine,"* 1831.
1836. **ESBENSEN, A.** *De Plumbi usu interno. Halæ, 8vo, pp. 38.
1845. **RUMPELT, F.** Das Blei und seine Wirkungen auf den thierischen Körper. Leipzig, 8vo, pp. 267. Alt. ed. *ibid.* 1850.
The work presents a number of very interesting and valuable facts, and is, on the whole, calculated to improve our knowledge of the diseased condition produced by the action of lead upon the animal body.—*Amer. Journ. Med. Sci.*, October, 1864, p. 443-8.
1849. **CUNIER, F.** De l'emploi de l'Acétate de Plomb Neutre selon la méthode de M. Buys dans le traitement de quelques affections oculaires. Bruxelles, 8vo, pp. 29. *Bibl. Manchester Med. Soc.*
1852. **ALDERSON, Sir J.** On the effects of Lead upon the system, and on the mode in which water is rendered impure by the presence of Lead (Lumleian Lectures). London, 4to.
Bibl. Med.-Chir. Soc.
These lectures, three in number, are devoted to a general description of the chronic effects of lead, and to an account of the best means of remedying them.... The author furnishes an admirable summary of all that is known on the subject.—*Brit. and For. Med.-Chir. Rev.*, April, 1853, p. 315.
1855. **GUÉRAUD, D.** *Du Sous-acétate de Plomb en injections intestinales, dans la Diarrhée et la Dysenterie. Paris, 4to, pp. 25.
1856. **CORSON, J. W.** On the effects of Lead on the Heart. New York, 8vo, pp. 24.
This pamphlet constitutes a carefully written though not altogether novel addition to our knowledge of the effects of lead on the system. Attention is particularly directed to the enfeebling action of this mineral on the heart and muscular system.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 410.
1861. **PLAGNOL, C.** *Étude des effets du Plomb et de ses composés dans l'économie animale. Montpellier, 4to, pp. 92.
1866. **IMFIELD, C.** *Über die Anwendung des Plumbum aceticum in Rheumatismus acutus. Stans, 8vo.

1871. STROHL, E. Mém. sur le traitement de la Pneumonie par l'Acétate neutre de Plomb. Paris, 8vo, pp. 32.

n. d. MITSCHERLICH, C. F. Ueber die Wirkung des Essigsäuren Bleioxyds auf den thierischen Organismus. 8vo.

Bibl. Coll. Surg. Lond.

PLUMBUM.

Injurious and Poisonous effects of.

1656. STOCKHAUSEN, S. De Lithargyri fumo noxio morbifico ejusque metallico frequentiori morbo vulgo dicto die Huttenkaze oder Huttenrauch. Gozlar, 8vo. French transl. Paris? 1776, 12mo.

One of the earliest writers who described colica pictonum, and pointed out its connection with lead poisoning. Haller (*Bibl. Med. Pract.*, iii, p. 52) thus summarises his observations:—"Novum morbum describit; primum quidem a plumbo natum, cum immenso alvi dolore, eaque pertinacissime obstructa, cum cardialgia, syncope, inflammatione intestinorum, urinæ suppressione, deinde cum membrorum paralysi et convulsione et universi corporis atrophia...Malum non ab arsenico esse, neque ab antimonio, a sulfure, a cadmia, a vitriolo, sed ab ipso lithargyrio...Ad curationem *Benedictam* laxativam saepe non posse alvi stricturam superare. Clysterum necessitas. Emetica in morbi principio, deinde scammonium, jalappa, anodyna, emollientia."

1712. STOCKHAUSEN, P. W. *De Colica Saturnina. Jenæ, 4to.
Bibl. Med. Soc. Lond.

1721. WEDEL, G. W. *Æger Colica Saturnina laborans. Jenæ, 4to.

Opium valde noxium esse.—Haller, *op. cit.*, vol. iii, p. 210.

1752. GRASHUIS, J. Tentamen de Colica Pictonum. Amst. 8vo.
Bibl. Acad. Edin.; *Manchester Med. Soc.*

Grashuis was the first to point out the value of alum as a remedy in lead colic.

1757. TRONCHIN, T. De Colica Pictonum. Geneva, 8vo.
Bibl. Med.-Chir. Soc.

In this work Tronchin proved that the occurrence of lead colic at Amsterdam was due to the employment of lead instead of tiles for the roofing of houses, in consequence of which the water became impregnated with the metal, and acquired poisonous properties.—*Brit. and For. Med.-Chir. Rev.*, April, 1853, p. 314. An "Examen" of this work was published by M. P. Bouvaert, Paris, 8vo, 1758.

1774. PERCIVAL, T. Observations and Experiments on the poison of Lead. London, 12mo. *Bibl. Med.-Chir. Soc.*; *Acad. Edin.*

1777. NAVIER, P. T. Contre-poisons de l'Arsenic...et du Plomb. Paris, 2 vols. 8vo. *Bibl. Acad. Edin.*

Navier proposed *hepar sulphuris* as an antidote in lead poisoning.

1781. CHORLEY, E. *De Plumbi in corpus humanum viribus et noxarum remediis. Lugd. Bat. 4to, pp. 16. *Bibl. Roy.*

1783. WALL, M. Medical Tracts...on the Poison of Lead. Oxford, 8vo. *Bibl. Med.-Chir. Soc.*

1786. FRYE, J. *De Colica Saturnina. Edin. 8vo.
Bibl. Coll. Phys. Edin.; *Acad. Edin.*

1790. FOTHERGILL, A. Cautions on the poisons of Lead and Copper. Bath, 8vo.
1792. LAUBE, F. *De Colica Saturnina. Francof. ad Viad. 8vo, pp. 34.
1794. CLUTTERBUCK, H. Account of a new and successful method of treating those affections which arise from the poison of Lead, with observations on the internal use of Lead as a medicine. London, 8vo, pp. 69.
1796. MÜLLER, J. V. Ueber Bleikrankheiten, &c. Francof. ad Mœn. 8vo, pp. 207.
1800. REDLICH, C. W. *De Colica Saturnina. Lipsiæ, 4to, pp. 26. *Bibl. Coll. Surg. Lond.*
1809. ACKERMANN, C. W. De Plumbi viribus in universum, speciatimque ejus nociva qua sterilitatem infert. Norimbergæ, 12mo. *Bibl. Coll. Surg. Lond.*
1812. MÉRAT, F. V. Traité de la Colique Métallique, vulgairement appelée Colique des Peintres, des Plombiers, &c. Paris, 8vo. Second ed. *Bibl. Coll. Surg. Lond.*
1812. REUTTER, G. L. W. *De Colica Saturnina. Lipsiæ, 4to, pp. 28.
1815. SCHREINZER, J. *De Colica Saturnina. Viennæ, 8vo, pp. 39.
1820. ORRY, A. R. *Colique de Plomb. Paris, 4to.
1821. LILIENHAIN, L. *Disquisitio circa Saturnum et morbos Saturninos. Berol. 8vo, pp. 80.
1824. TRÜSTEDT, C. C. L. *De Plumbo ejusque vi noxia in corpus humanum. Berol. 8vo, pp. 52.
1824. NISSEN, W. W. *De Colicæ Saturninæ indole. Kiliæ, 4to.
1825. BOCHARDT, V. L. Die Bleikrankheit und ihre Heilung. Carlsruhe, 8vo, pp. 56.
1827. RANQUE, H. F. Mémoire sur les empoisonnements par les émanations de Plomb. Paris, 8vo, pp. 48.
1828. GIESE, C. P. *De Colica Saturnina. Berol. 8vo, pp. 22.
1829. WIEBER, C. A. Tract. de effectu Plumbi in organismo animali sano, nec non de therapia intoxicationis Saturninæ. Monachii, 8vo, pp. 52.
1831. MOELLER, V. *De Colica Saturnina. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1832. CHIAPPINI, P. *De Colica Saturnina. Edin. 8vo. *Bibl. Manch. Med. Soc.*
1835. FRANK, F. E. *De Colica Saturnina. Lipsiæ, 4to, pp. 52.
1835. GRISOLLE, A. Essai sur la Colique de Plomb. Paris, 4to, pp. 84.

This work does not contain a number of brilliant speculations, but what

is infinitely more valuable, old opinions disproved are substituted by the analysis of numerous and accurate facts, and some original propositions established in the same manner.—*Brit. and For. Med. Rev.*, January, 1838, p. 55.

1836. GRISOLLE, A. Recherches sur quelquesuns des accidents cérébraux produits par les préparations Saturnines. (Ex *Journ. Hebd. du Progrès*, &c., December, 1836). Paris, 8vo.

Contains much interesting matter relating to the action of lead on the nervous system. For a summary of his views see *Amer. Journ. Med. Sci.* xxi, 1837, p. 182-6.

1836. PAULY, Z. *De Morbo Saturnino. Berol. 8vo, pp. 45.

1839. TANQUEREL DES PLANCHES, L. Traité des Maladies de Plomb, ou Saturnines. Paris, 2 vols., 8vo, pp. 550, 334. English transl. by Dr. Dana, Lowell, U.S., 1848, 8vo. *Bibl. Med.-Chir. Soc.*

This treatise comprises separate dissertations upon the following subjects:—
1. Lead Colic ("Colique de Plomb ou Saturnine"). 2. Rheumatism or Neuralgia from Lead ("Arthralgie Saturnine"). 3. Paralysis from Lead ("Paralyse Saturnine"). 4. Loss of Sensation from Lead ("Anesthésie Saturnine"). 5. Delirium, Coma, &c., from Lead ("Encéphalopathie Saturnine"). These are preceded by a few remarks upon the effects produced on the system (e.g. the peculiar bluish tinge of the gums) by lead previous to the development of the more decided form of disease or saturnine diathesis, which the author terms "Intoxication Saturnine primitive." Vide *Brit. and For. Med. Rev.*, Oct., 1840, p. 427, where a full analysis of this valuable monograph will be found. See also *Edin. Med. Surg. Journ.*, vols. lxxvii, p. 153-199, and lxxix, p. 155-206.

1840. BURTON, H. On a remarkable effect upon the human gums produced by the absorption of Lead. (Ex. in *Med.-Chir. Trans.*, vol. xxiii, p. 63.) London, 8vo, pp. 63.

Dr. Burton was the first writer in Great Britain who pointed out and examined carefully the blue discoloration of the gums from the absorption of lead. The paper is a very instructive one.

1842. ORFILA, M. J. B. Mémoire sur l'absorption des sels de Plomb, &c. Paris, 8vo, pp. 20.

1844. MIALHE, H. Mémoire sur les émanations du Plomb et l'absorption des médicaments. Paris, 12mo.

1850. HARRISON, J. B. Remarks on the contamination of Water by the poison of Lead, and its effects on the Human Body. London, 12mo, pp. 32. Second ed. 1852, London, 8vo, pp. 196.

Contains an able and excellent, though concise description of the deleterious effects arising from the continued use of water holding the compounds of lead in solution or suspension.... It contains much information, useful not only to the physiologist and practitioner but to the medical jurist.—*Dublin Quart. Journ. Med. Sci.*, xv, 1853, p. 132.

1850. WESSEL, G. Diss. de Colica Saturnina.

Berolini, 8vo, pp. 27.

1850. BRACHET, J. L. Traité pratique de la Colique de Plomb. Paris, 8vo, pp. 250. *Bibl. Med.-Chir. Soc.*

To this essay the Academy of Sciences of Toulouse awarded a prize

medal. It may be regarded as an amplification of a *brochure* on the same subject published by M. Brachet in 1824. He does not seem, in this essay, to have contributed anything which may be called *new* concerning it. Nearly half the book is devoted to the subject of treatment...the author, though employing a combination of remedies, looks to *alum* as his sheet-anchor; more than 150 patients have been successfully treated in this manner.—Analyt. review in *Brit. and For. Med.-Chir. Rev.*, January, 1851. p. 41.

1850. KLAMROTH, L. Diss. de Venefico Saturnino.
Berolini. 8vo, pp. 26.
1853. THIELE, C. E. *De Colica Saturnina.
Halæ Sax. 8vo, pp. 30.
1854. STRAUSS, E. Diss. de Cerussæ effectu in organismum animale.
Marburgi, 8vo.
1857. COLER, A. G. De Plumbi noxia efficacitate in corpus humanum.
Berolini. 8vo, pp. 29.
1857. DEVOUGES, H. De la Paralysie générale d'origine Saturnine.
Paris, 8vo, pp. 40. (Ex in *Ann. Méd.-psychologiques*, 1857.)
1859. OEBCKE, B. Diss. de Paralysi Saturnina.
Bonn, 8vo, pp. 42.
1863. LANCEREAUX, E. Mémoire d'Anatomie Pathologique...L'altération des nerfs et des muscles dans la Paralysie Saturnine.
Paris, 8vo. *Bibl. Med.-Chir. Soc.*
1864. OLLIVIER, A. De l'Albuminurie Saturnine. (Ex *Archiv. Gén. de Méd.*).
Paris, 8vo, pp. 34.
1866. HILLAIRET, A. *Étude clinique sur la Colique de Plomb.
Paris, 4to.
1866. LEFRANÇOIS, J. *Considérations sur l'Intoxication Saturnine primitive, et en particulier sur l'Encéphalopathie. Paris, 4to.
1866. THÉNEVIN-CONQUERET, —. L'empoisonnement par le Plomb et la Colique sèche des pays chauds. Agen, 8vo, pp. 23.
1868. HITZIG, E. Studien zur Bleivergiftung. Berlin, 8vo, pp. 72.
1868. GUBLER, A. De la Tumeur dorsale des Mains dans la Paralysie Saturnine des extenseurs des doigts. Paris, 8vo, pp. 16.
1868. NICAISE, E. Du Gonflement du dos des Mains chez les Saturnins. Paris, 8vo, pp. 33. *Bibl. Med.-Chir. Soc.*
1869. BANZOLINI, P. E. *De l'Intoxication Saturnine considérée spécialement au point de vue du traitement. Paris, 4to.
1869. RIPAULT, A. *De l'Encéphalopathie Saturnine. Paris, 4to.
1869. DAVIOT, J. Étude sur les Tumeurs de la face dorsale de la Main dans l'Intoxication Saturnine. Paris, 4to.
1869. LAFONT, E. *Étude sur le Tremblement Saturnin.
Paris, 4to.
1870. REINVILLIER, A. Hygiène Publique. Empoisonnement des eaux potables par le Plomb. Paris, 8vo, pp. 78.

1871. HEUBEL, E. Pathogenese und Symptome der chronischen Bleivergiftung. Experimentelle Untersuchungen. Berlin, 8vo, pp. 144.
1873. DUPUTEL, M. *Considérations chimiques sur l'étiologie de l'Intoxication Saturnine. Paris, 4to.
1873. MANOUVRIEZ, A. *Recherches cliniques sur l'Intoxication Saturnine, locale et directe par l'absorption cutanée. Paris, 4to. Ibid. 1874, 8vo, pp. 87.
1873. ROQUE, F. J. B. *Des dégénérescences héréditaires produites par l'Intoxication Saturnine lente. Paris, 4to. Ibid. 12mo, pp. 15.
1874. PINÉ dit PINET, J. A. *Sur la Goutte Saturnine. Paris, 4to.
1875. DE COURS, A. *De l'Hémianesthésie Saturnine. Paris, 4to. Ibid. 8vo, pp. 45.
1875. DROUET, L. A. *Recherches expérimentales sur le rôle de l'absorption cutanée dans la Paralysie Saturnine. Paris, 4to.
1875. MOREAU, R. *Recherches cliniques sur l'Empoisonnement aigu par le Plomb et ses composés. Paris, 4to.
1875. CLOUET, J. Recherches sur l'Intoxication Saturnine locale. Rouen, 8vo, pp. 19.
1875. RENAUT, J. *De l'Intoxication Saturnine chronique. Paris, 4to. Ibid. 1875, 8vo, pp. 198.

PODOPHYLLUM PELTATUM, Linn.

And its active principle Podophyllin.

1865. VAN DEN CORPUT, —. Le Podophyllum et la Podophylline, étude sur les propriétés et sur l'action thérapeutique de ces substances. Bruxelles, 8vo, pp. 8.
1869. BENNETT, J. HUGHES. Researches into the action of Mercury, Podophyllum, &c., on the Biliary secretion. Edinb. Adverse to the claims of Podophyllum as a cholagogue. *Ide* "Hydrargyrum," 1869.

POLYGALA SENEGA, vide SENEGA.

POLYGONUM AMPHIBIUM, Linn.

Amphibious Persicaria.

1721. EGLINGER, C. Diss. continens descriptionem Polygoni folii. Bâle, 4to.
1735. MUECKE, J. H. *De Persicaria Acide Jungermanni. Præs. J. H. Schulze. Halæ, 4to, pp. 26. *Bibl. Banks.*
- For animadversions on this disputation by C. J. Trew, see *Commenc. Lit. Norimb.*, 1737, p. 395-7, p. 402-6, et p. 409-13.
1806. RAVELET, —. Diss. sur l'efficacité de la Persicaire dans les Gangrènes les plus désespérées. Strasbourg, 4to.

POLYPODIUM VULGARE, Linn.

Common Polypody, Polypody of the Oak.

1699. SLEVOGT, J. A. *De Polypodio. Jenæ, 4to, pp. 8.
Bibl. Banks.
1721. LOÖ, G. F. *De Polypodio. Præs. G. W. Wedel.
 Jenæ, 4to, pp. 32. *Bibl. Linn. Soc.; Banks.*
1769. HILL, Sir J. Polypody: the ancient doctrine of the virtues
 of that herb tried and confirmed. London, 8vo.

POTASSA.

Potash and its Salts generally.

1798. VELLOSO, J. M. Alographia dos Alkalís fixos vegetal ou
 Potassa, mineral ou Soda, e dos seus Nitratos, &c.
 Lisboa, 8vo, pp. 245, tab. 20.
1815. DUCHASSIN, E. M. A. *Sur l'emploi de la Potasse dans les
 Pneumonies Catarrhales, &c. *Vide* "Potassii Sulphuretum,"
 1815. Paris, 8vo.
1868. MÉRANDON, L. *Action physiologique et thérapeutique des
 Sels de Potasse. Paris, 4to.
1870. RAYBAUD, F. *Usage interne des composés Alcalins de
 Soude et de Potasse. Paris, 4to.

POTASSA FUSA.

Caustic Potash.

1822. BIRAGO, C. Compendio di Osservazioni Cliniche ... sulla
 Potassa Caustica applicata in diverse malattie di carattere linfatico.
 Milano, 8vo, pp. 143.
1841. WADE, R. On the pathology and treatment of Stricture of
 the Urethra, with cases. London, 8vo, pp. 149. Second ed. 1849,
 8vo, pp. 247. Fourth ed. *ibid.* 1860, pp. 254.

The principal object of this treatise is to set forth the superiority of
 potassa fusa above all other articles of the same class in the treatment of
 stricture. The work contains "much that is true, yet very far from new."
 The "second edition, greatly enlarged," consists of the unsold copies of the
 first edition, with a new title page, a newly printed preface, and ninety-eight
 pages of new printing, if not altogether of new matter, tacked on at the
 end.—*Brit. and For. Med.-Chir. Rev.*, April, 1850, p. 328.

1859. SALMON, A., et MAUNOURY, —. Recherches expérimentales
 et cliniques sur les Caustiques, Potasse et Chlorure de Zinc.
 Paris, 8vo, pp. 52.

POTASSÆ LIQUOR.

1811. BRANDISH, J. Observations on the use of Caustic Alkali in
 Scrophula and other chronic disorders. London, 8vo.
Bibl. Manchester Med. Soc.
1834. DODD, H. W. On the use of Liquor Potassæ and Liquor

Alkalinus in the treatment of Malignant Cholera. Durham, 8vo, pp. 32. Third ed. 1848.

Mr. Dodd, after the failure of other means, was led to the use of Liquor Potassæ, twenty drops with white of egg, with the view of neutralizing some supposed acidity of the primæ viæ. The Liquor Alkalinus is a mixture of 8 parts of Liquor Potassæ, 12 of Liquor Sodæ, and 4 of Spt. Lavand. Co. By the use of these, he states, "he never yet failed in checking the ricy dejections and ejections of cholera"!—*Med.-Chir. Rev.*, April, 1835, 594.

1841. CAMPBELL, J. S. *On Tuberculous Consumption...with an attempt to found its treatment on rational principles.*

London, 8vo, pp. 404.

The rational treatment of consumption advocated in this work consists in the systematic employment of Liquor Potassæ.

POTASSÆ ACETAS.

Acetate of Potash.

1730. TEICHMEYER, G. F. **De Arcano Tartari vel Sale Essentiali Vini.* Jenæ, 4to.

1733. JUNCKER, J. **De Arcano Tartari.* Halæ, 4to.

1733. RAHN, J. H. **De Arcano Tartari, seu Terra Foliata tartari.* Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1857. THIBEAUD, M. *Études Cliniques. Des Hydropisies, suites de Fièvres Intermittentes et leur traitement, spécialement par l'Acétate de Potasse à haute dose.* Nantes, 8vo, pp. 16.

1869. MARROTTE, —. *De l'emploi de l'Acétate neutre de Potasse dans les Diacrisis Gastro-intestinales aiguës et chroniques.*

Paris, 8vo, pp. 12.

POTASSÆ BICHROMAS.

Bichromate of Potash.

1861. JAILLARD, —. *De la toxicologie du Bichromate de Potasse.* Strasbourg, 8vo, pp. 22.

1866. BONNEFOUX, L. C. DE. **Du Bichromate de Potasse comme antisyphilitique.* Paris, 4to.

1874. BORLINETTO, L. *Sulle applicazioni di Bieromato Potassico.* Padova, 8vo, pp. 20.

POTASSÆ CARBONAS.

Carbonate of Potash.

1751. PARENTI, P. A. ("ARISTIDES"). *Exercitationes binæ. 2. De Salis Absinthii (Potassæ bicarbonas) activitate purgativa.* Mutinæ, 8vo.

Clinici argumenti.—*Haller, Bibl. Bot.*, ii, p. 430.

1760. MULLER, G. A. **Diss. de Oleo tartari foetido.* Præs. J. C. Voigt. Giessæ, 8vo.

1804. ARCHER, J. **On the effects and modus operandi of the Carbonates of Lime, Magnesia, and Potash, in the cure of general and local diseases.* Philadelphia, 8vo.

1815. DUCHASSIN, —. Emploi de la Potasse (Sous-carbonate) dans les Péripleumonies catarrhales. Paris, 4to.

POTASSÆ CHLORAS.

Chlorate of Potash, Acid Muriate of Potash, &c.

1798. BLAIR, W. Essays on the Venereal Diseases... Essay 1. On the Anti-venereal effects of Nitrous Acid, Oxygenated Muriate of Potash, &c., lately proposed as substitutes for Mercury. London, 8vo.
1855. BERGERON, E. J. Note sur l'emploi du Chlorate de Potasse dans le traitement de la Stomatite Ulcéreuse. Paris, 8vo, pp. 48.
1856. HERPIN, T. Du Chlorate de Potasse comme spécifique contre la Salivation Mercurielle. Paris, 8vo, pp. 34.
1856. ISAMBERT, E. *Études chimiques, physiologiques et cliniques sur l'emploi thérapeutique du Chlorate de Potasse, spécialement dans les Affections Diphthéritiques. Paris, 4to, pp. 124.
A very able memoir, containing much valuable information drawn from trustworthy sources and many original observations and experiments.
1857. FRÖELICH, C. C. *Du Chlorate de Potasse et de son emploi dans les Stomatites, &c. Strasbourg, 4to, pp. 36.
1858. LABORDE, J. V. De la valeur du Chlorate de Potasse dans le traitement des Gingivites chroniques, &c. Batignolles, 8vo, pp. 16.
This essay obtained the Corvisart Prize for 1857. For the conclusions arrived at in this "interesting and important memoir" see *Edin. Med. Journ.*, August, 1859, p. 172.
1858. MILON, M. *De l'action thérapeutique du Chlorate de Potasse. Paris, 4to, pp. 31.
1860. MAZADE, J. Observations sur l'emploi du Chlorate de Potasse dans le traitement de la Stomatite Mercurielle et de la Stomatite Ulcéro-membraneuse. (Ex *Bull. Gén. de Thérap.*, 1). Nîmes, 8vo, pp. 19.
1860. FOUNTAIN, E. J. On the treatment of Phthisis by the Chlorates of Potash, with observations on Oxygen as a therapeutic agent. New York, 8vo, pp. 24.
Dr. Fountain submits this essay, not as a conclusive demonstration of any theory or practice, but as containing suggestions which may lead others to test their value, especially with regard to oxygen as a remedial agent. The benefit derived from chlorate of potash he attributes to its supplying oxygen to the system.—*Amer. Journ. Med. Sci.*, January, 1861, p. 235.
1862. DIETZ, G. *De la Diphthérie Cutanée et de son traitement par le Chlorate de Potasse. Strasbourg, 4to, pp. 49.
1862. BROUILLET, C. *Du Panaris superficiel et de son traitement par le Chlorate de Potasse. Strasbourg, 4to, pp. 34.
1863. DUMONT, H. J. Études thérapeutiques sur le Chlorate de Potasse. Coulommiers, 8vo, pp. 196.

1864. ANAYA, M. DE. Relation d'une épidémie de Fièvre Typhoïde observée à Guanajuato (Mexique). Action thérapeutique du Chlorate de Potasse dans cette maladie. Paris, 8vo, pp. 59.
1866. TILLOT, E. Du traitement du Phagédénisme au moyen du Chlorate de Potasse. (Ex *Bull. Gén. de Thérap.*, March 30, 1866). Paris, 8vo, pp. 14.
1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin und Chlorkalium. Giessen, 4to. *Bibl. Med.-Chir. Soc.*
1870. SUTTON, J. On Chlorate of Potassa as a specific in all diseases. 125th ed.! London, 8vo, pp. 52.
An advertising puff. A pure piece of quackery from beginning to end.
1871. BAUDRIMONT, E. Recherches sur l'action intime des substances qui aident à la décomposition du Chlorate de Potasse pour en dégager l'Oxygène. Paris, 8vo, pp. 30.
1872. GIMBERT, —. De l'emploi du Chlorate de Potasse dans certaines formes de la Phthisie Pulmonaire. Paris, 8vo, pp. 18.
1875. LABORDE, J. V. Étude comparative de l'action physiologique des Chlorates de Potasse et de Soude, des Bromures de Potassium et de Sodium. Déductions relatives à l'emploi thérapeutique comparé de ces substances. Paris, 8vo, pp. 30.

POTASSÆ NITRAS.

Nitrate of Potash, Nitre, Saltpetre.

1550. BLASIUS, à VILLAFRANCA. Methodus refrigerandi ex vocato Sale Nitri vinum, aquamque et potum omnis generis. Romæ, 4to.
1584. CHALONER, Sir T. A shorte discourse of the most rare and excellent virtue of Nitre, wherein is declared the sundrie and diverse cures by the same effected, and how it may be as well received in medicine inwardly as outwardly plaister-wise applied, &c. London, 4to. *Bibl. Coll. Phys. Edin.*
1670. CLARKE, W. On the natural history of Nitre, its nature and use. London, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.; Med. Soc. Lond.* (ed. Francof. 12mo, 1675?)
1672. JORDAN, H. Disputatio de Sale, Nitro et Alumine. Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*
1674. MAYOW, J. Tractatus medico-physici; i, de Salæ-Nitro et Spiritu Nitro-Aëreo, &c. Oxon., 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
1678. KUNCKELIUS, J. Tract. de Phosphoro et Nitro. Wittembergæ, 8vo.
1694. HOFFMANN, F. *De Nitro, ejusque natura et usu in medicina. Resp. C. G. Schmalkaldesk. Halæ, 4to, pp. 20. *Bibl. Banks.*
Refrigerat, et sanguinem tenuem et fluidum reddit, alvum laxat, ulcera cacoethica curat.—*Haller, Bibl. Med. Pract.*, iii, p. 550.

1699. FOSSIUS, N. Dissertationes quinque...3. de Nitro.
Hafniæ, 4to. *Bibl. Coll. Phys. Lond.*
1706. GOSCHEN, E. *De Nitro. Lugd. Bat. 4to.
Bibl. Coll. Phys. Edin.
1708. ZWINGER, T. *De Nitro, ejusque natura et usu in medicina.
Resp. C. Harderus. Basileæ, 4to, pp. 28. *Bibl. Banks.*
1709. SCHELHAMMER, G. C. Diss. de Nitro. Amsterdam, 8vo.
Bibl. Roy.
- De vi medica parvus est. Externo usu ad sudorem movendum, ad scabiem nitrum, a veteribus adhibitum, iterum vult restitui. Sed eorum nitrum erat alcali fossile.—*Haller, Bibl. Med. Pract.*, iii, p. 412.
1712. NARCISSUS, F. G. *Diss. sistens circa Nitrum observationes physico-medicæ. Præs. F. Hoffmann. Halæ, 4to, pp. 20.
Bibl. Coll. Phys. Edin.
1716. KLETTENBERG, R. SEIFFART, DE. *Diss. exhibens Nitrum præcipuorum morborum methodo methodica conscriptorum medelam. Altdorfii, 4to, pp. 20. *Bibl. Banks; Acad. Edin., (sub nom. Siiffart.)*
1718. BRODBECK, C. D. *De Nitro. Præs. H. J. Camerarius.
Tubingæ, 4to, pp. 46. *Med. Soc. Lond.; Banks.*
1737. BRANDMULLER, J. R. *De Nitro. Basileæ, 4to, pp. 27.
Bibl. Banks.
1741. VOLMAR, J. *An Nitrum sanguinem resolvat aut coagulet.
Præs. J. Boecler. Argentorati, 4to. (in *Haller, Disp. Med. Pract.*, vii, p. 249). *Bibl. Med.-Chir. Soc.*
1747. CARTHEUSER, J. F. Diss. de amplicissimo Nitri depurati usu medico.
Francof. sur l'Oder, 4to.
1748. HARMEUS, G. *De Nitro. Lundæ, 4to.
Bibl. Med. Soc. Lond. (sub. nom. Herrmann?)
1753. KNIPHOF, J. J. *Diss. de Nitro. Erfordiæ, 8vo, pp. 24.
Bibl. Banks.
1754. KRUEGER, J. G. Diss. de Nitri virtute temperante.
Halæ, 8vo.
1765. PROSKY, P. C. *De Nitro. Vindobonæ, 8vo, pp. 74.
Bibl. Banks.
1772. ROWLEY, W. Essay on Ophthalmia, &c. (Nitro administered in large doses, *Watt*).
London, 8vo. *Bibl. Acad. Edin.*
1772. DELIUS, H. F. Diss. de moderando usu Nitri in Febribus putridis et malignis.
Erlangæ, 4to.
1776. MUTZER, F. *De Nitro. Vindob., 8vo, pp. 28.
Bibl. Coll. Surg. Lond.; Banks.
1780. BURY, —. Diss. de Nitri effectibus in corpus humanum.
Giessæ, 4to.

1791. QUANDT, C. F. *De Nitri vi gelante. Jenæ, 4to.
1798. VELLOSO, J. M. *Vide* "Potassa," 1798.
1799. GIBBONS, T. Medical Cases and Remarks. Part ii, on the free use of Nitre in Hæmorrhagy. Sudbury, 8vo, pp. 108. Second ed., 1801. *Bibl. Med.-Chir. Soc. ; Coll. Phys. Edin.*
1802. THILOW, G. H. Ueber die Wirkung des Salpeters- und Küchensalzes auf den thierischen Körper. Erfurt, 8vo, pp. 55.
1820. BUTTER, J. On the effects of Nitre, and on the compression of Cancerous Breasts. Edin. 8vo. *Bibl. Med. Soc. Edin.*
1831. KAISER, J. On the antiseptic powers of Nitre. *Vide* "Antiseptics," 1831.
1849. BASHAM, W. R. On the employment of Nitrate of Potash in Acute Rheumatism, with suggestions for the use of Saline Solutions as external applications in local Rheumatic Inflammation. (Ex. in *Trans. Med.-Chir. Soc.*, vol. xxxii, p. i.

This able memoir contains many interesting experiments and observations on the action of nitre on the blood and on its use as a therapeutic agent, especially in the treatment of inflammatory diseases.

POTASSÆ PERMANGANAS.

Permanganate of Potash.

1860. HELME, E. *De la Gangrène et de son traitement par le Permanganate de Potasse. Paris, 4to.
1875. DUBOUÉ, —. Sur les propriétés thérapeutiques du Permanganate de Potasse. *Vide* "General Therapeutics," 1875.
- See also "Permanganates," p. 173.

POTASSÆ SILICAS.

Silicate of Potash, Liquid Glass.

1870. DARBY, J. T. Liquid Glass (Silicate of Potash) as a surgical dressing for immovable apparatus, &c. Columbia, U.S., 8vo, pp. 24.

Contains an account of six cases in which the silicate was employed as a substitute for starch, &c., in the application of the immovable bandage. The result in each case was satisfactory, and the author declares that, after a fair trial, he is induced to place the silicate above either plaster, starch, glue, or dextrine for general usefulness.—*Amer. Journ. Med. Sci.*, October, 1870, p. 511.

POTASSÆ SULPHAS.

Sulphate of Potash.

1767. BÜCHNER, A. E. *Diss. de Tartaro Vitriolato et præcipitatione alcali fixi ab acido vitriolico. Resp. —. Vogel. Halæ, 4to.
1801. HARTWICH, H. *De Sulphate Potassæ. Præs. J. Gadolin. Aboæ, 4to, pp. 43.

POTASSÆ TARTRAS ACIDA.

Bitartrate of Potash, Cream of Tartar.

1632. SALA, A. Tartarologia. Rostock, 8vo. Alt. ed. 8vo.
1655. GLAUBER, J. R. Descriptio qua ratione ex vini fecibus Tartarum sit extrahendum. Amsterdam, 12mo.
Bibl. Med. Chir. Soc.; Manch. Med. Soc.
1661. SACHS, P. J. Αμπελογραφία...de Vini fece et Tartaro. Lipsiæ, 8vo. *Vide* "Vitis Vinifera," 1661.
1676. ZOBEL, F. Tartarologia Spagirica, seu medicamentorum ex Tartaro in laboratorio Gottorpiensi paratorum fidelis descriptio. Jenæ, 12mo. Alt. ed. 1684, 1708.
Bibl. Coll. Phys. Lond.; Coll. Phys. Edin. (ed. 1684)
1730. ZEIDLERUS à ROSENBERG G. *De Arcano Tartari vel Sale essentiali Vini. Præs. H. F. Teichmeyer. Jenæ, 4to.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1756. DOVE, W. T. On the Argol of Tartar. London, 8vo. Ibid. 12mo, 1757. Ibid. On Medicines discovered in the Argol of Tartar. London, 4to, 1757.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.
1763. VANDER BECKE, D. Epist. de volatilisatione Salis Tartari. Hamburg, 8vo.
1778. WORTHINGTON, R. *De natura et usu Tartari. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Bibl. Med.-Chir. Soc.
1779. PAECKEN, M. à. *Vide* "Tartaric Acid," 1779.
1780. SPIELMANN, J. R. *Diss. sistens Analecta de Tartaro. Resp. F. H. Corvinus. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*

POTASSÆ et SODÆ TARTRAS.

Tartrate of Potash and Soda, Rochelle Salts, Sel de Seignette.

1675. SEIGNETTE, P. Les principales utilités et l'usage le plus familier du véritable Sel Polychreste. La Rochelle, 4to.
1675. SEIGNETTE, P. La nature, les effets et l'usage du Sel Alkali Nitreux de Seignette. La Rochelle, 4to.
1675. SEIGNETTE, P. Le faux Sel Polychreste, les utilités de la poudre polychreste du dit P. S. et apologie de son Sel Polychreste, par un médecin. La Rochelle, 4to.
1740. HAUPT, F. T. *Diss. de Sale Seignette, Polychresto Rupelensi vocato. Argentorati, 4to.
1742. TEICHMEYER, H. F. *Diss. de Sale Seignette. Jenæ, 4to.

POTASSII BROMIDUM.

Bromide of Potassium.

1865. BARTHOLOW, R. Experimental investigations into the action and uses of Bromide of Potassium. Cincinnati, U.S. 8vo.
1865. WILLIAMS, S. W. DUCKWORTH. On the efficacy of the Bromide of Potassium in Epilepsy and certain Psychical Affections. London, 8vo.
1867. MARTIN-DAMOURETTE ET PELVET, —. Étude expérimentale sur l'action physiologique du Bromure de Potassium. Paris, 8vo, pp. 55.
1867. VOISIN, A. Recherches cliniques sur le Bromure de Potassium, et sur son emploi dans le traitement de l'Épilepsie. (Ex. *Bull. Gén. de Thérap.*). Paris, 8vo, pp. 46.
1868. SAISON, F. A. *Du Bromure de Potassium et de son antagonisme avec la Strychnine. Paris, 4to, pp. 59.
An investigation of considerable merit and interest.—*Amer. Journ. Med. Sci.*, July, 1869, p. 237.
1868. BESNIER, J. De l'emploi du Bromure de Potassium dans l'Épilepsie et dans un cas de Méningite Tuberculeuse. Paris, 8vo, pp. 16.
1868. CLOUSTON, T. S. Experiments to determine the precise effects of Bromide of Potassium in Epilepsy. (Ex *Journ. of Mental Science*). 8vo, pamphlet.
1868. MARCHAND, R. *Étude physiologique et thérapeutique sur le Bromure de Potassium. Paris, 4to.
1869. FALIÈRES, E. Notes pour servir à l'essai du Bromure de Potassium. Bordeaux, 8vo, pp. 15.
1869. LEGRAND DU SAULLE, —. Pronostic et traitement de l'Épilepsie : succès remarquables obtenus par l'emploi du Bromure de Potassium à haute dose. Paris, 8vo, pp. 31.
1869. MOUTARD-MARTIN, E. Notes sur quelques applications nouvelles du Bromure de Potassium à la médecine des petits enfants. Paris, 8vo, pp. 11.
1869. SAÏB-MEHMED. Du Bromure de Potassium, physiologie et thérapeutique. Paris, 8vo, pp. 110.
1869. PURSER, J. M. On the physiological action of Bromide of Potassium. (Ex. in *Dublin Quart. Journ. of Med.*, May, 1869, p. 321).
A highly interesting communication.
1869. MATHIEU, N. J. *Étude physiologique et thérapeutique sur le Bromure de Potassium. Paris, 4to.
1869. ZAEPPFEL, E. *De l'action physiologique et thérapeutique du Bromure de Potassium. Paris, 4to.
1869. CORDES, A. E. *Du traitement des Accidents Nerveux de la Grossesse par le Bromure de Potassium. Paris, 4to.

1869. GATUMEAU, B. P. V. *Quelques généralités sur le Bromure de Potassium. Montpellier, 4to, pp. 44.
1869. AMORY, R. Experiments upon the physiological action of Bromide of Potassium and Ammonium, as determined on man and the lower animals. Boston, U.S.
Contains a very careful series of experiments which appear to establish conclusions which form a real addition to our knowledge of the action of the bromides. For an abstract of these see *Practitioner*, December, 1869, p. 369.
1870. LABORDE, J. V. Recherches sur l'action physiologique et thérapeutique des composés de Potassium et du Bromure de Potassium en particulier. Paris, 8vo, pp. 30.
1870. KOHN, J. C. *Du traitement de la Chorée par le Bromure de Potassium à haute dose. Paris, 4to.
1870. LAYGUE, —. *De l'emploi du Bromure de Potassium dans l'Éclampsie Puerpérale. Paris, 4to.
1870. POTTIER, C. A. A. *Contribution à l'étude thérapeutique du Bromure de Potassium. Paris, 4to.
1870. CLOUSTON, T. S. Observations and experiments on the use of Opium, Bromide of Potassium, and Cannabis Indica in Insanity, especially in regard to the effects of the two latter given together. (Ex. in *Bibl. and For. Med.-Chir. Review*, October, 1870, p. 493, and January, 1871, p. 203.)
This essay, to which the Fothergillian Gold Medal for 1870 was awarded by the Medical Society of London, is a valuable contribution to our knowledge of therapeutics as applied to mental disease. See also "Neurotics," p. 171.
1871. ARTHAUD, J. Du Bromure de Potassium dans le traitement de l'Épilepsie. Lyon, 8vo, pp. 16.
1872. CLARKE, E. H., et AMORY, R. The physiological and therapeutical action of the Bromide of Potassium and Bromide of Ammonium. In two parts. Boston, U.S. 12mo, pp. 176.
A full abstract of this interesting work is given in *London Medical Record*, 1873, p. 18-34.
1872. CARLES, A. *Sur la médication par le Bromure de Potassium. Paris, 4to.
1872. LAVALLÉE, G. G. *Du traitement des Affections Génito-urinaires par les Bromures Alcalins. Paris, 4to.
1872. GUICHARD, V. A. *Étude sur un cas de Tétanos spontané traité par le Bromure de Potassium. Paris, 4to.
1872. CAMPBELL, J. A. On Bromide of Potassium in Maniacal Excitement. *Vide* "Hyoscyamus," 1872.
1873. DROUET, J. Documents pour servir à l'histoire du Bromure de Potassium. Paris, 8vo, pp. 15.
1873. DAVID, F. *Etude sur les effets physiologiques et thérapeutiques du Bromure de Potassium. Paris, 4to.

1873. ARMAND, P. *Du traitement de la Coqueluche par l'Hydrate de Chloral et le Bromure de Potassium. Paris, 4to. Ibid. 8vo, pp. 47.
1873. ROUX, P. R. M. *Sur quelques points du diagnostic des Rétrécissements Spasmodiques de l'Esophage, et de l'intervention du traitement par le Bromure de Potassium pour éclairer ce diagnostic. Paris, 4to.
1873. VOISIN, A. Étude historique et thérapeutique sur le Bromure de Potassium. Paris, 8vo, pp. 38.
A valuable memoir, to which the Academy of Medicine of Paris awarded the Jourieux Prize for 1871.
- 1873 (?). MORTON, J. Clinical Surgical Report of Glasgow Infirmary, ending October 31st, 1872; with a Paper on Bromide of Potassium. Loc? pp. 16.
The author calls attention to certain risks attending the use of bromide, and the cautions given respecting it are not without their value in these days, when the bromide may be ranked among the fashionable drugs, and when it is given frequently in large doses and very empirically.—*Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 423.
1873. VALLIN, E. De l'emploi du Bromure de Potassium comme adjuvant dans le traitement des Fièvres Intermittentes. (*Ex Bull. de Thérap.*, November 30th, 1873). Paris, 8vo, pp. 19.
The author does not propose the bromide as a substitute for quinine in intermittent fevers generally, but he observes that in some cases where the latter fails the bromide appears to be beneficial as a subordinate agent, probably by its power of allaying spinal irritation. See, further, *Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 521.
1874. DANTON, J. A. *Essai physiologique sur le Bromure de Potassium. Paris, 4to.
1875. LABORDE, J. V. Bromide of Potassium, its comparative action. *Vide* "Potassæ Chloras," 1875.
1875. VOISIN, A. De l'emploi du Bromure de Potassium dans les Maladies Nerveuses. Mémoire couronné par l'Académie de Médecine. Paris, 4to, pp. 264, tab. col. i.

POTASSII IODIDUM. Vide IODINE.

POTASSII SULPHURETUM.

Sulphuret of Potassium.

1815. DUCHASSIN, E. M. A. *Sur l'emploi du Sulfure de Potasse dans le traitement du Croup et de la Gale; et de la Potasse dans les Péripleumonies Catarrhales. Paris, 8vo, pp. 24.
1830. MARTIN, P. P. *De Kali Sulphurati in organismum animale efficacia, experimentis illustrata. Berol. 8vo, pp. 45.

POTENTILLA TORMENTILLA, Nestler.

Tormentil.

1809. RAUSCHENBUSCH, C. De manifestis in organismo vivo mutationibus usu Chinæ...et Tormentillæ productis. Tubingæ, 8vo.

1816. NESTLER, C. G. *Commentatio botanico-medica de Potentilla.* Paris, 4to, pp. 80, tab. 12. *Bibl. Linn. Soc.*

PROPYLAMINE.

1870. KALENICZENKO, J. DE. Notes sur la Propylamine et les produits organiques qui la contiennent; huile et extrait de foie de morue, et de leur utilité comparative en médecine.

Paris, 8vo, pp. 82.

1873. HAMDY, A. *Étude clinique et physiologique sur la Propylamine et Triméthylamine.

Paris, 4to, pp. 116.

1873. DUBOUÉ, —. Action comparée de la Propylamine, &c. *Vide* "Ergot," 1873.

1873. DUJARDIN-BEAUMETZ, —. De la Propylamine dans le traitement du Rhumatisme Articulaire aigu.

Paris, 8vo, pp. 16.

For an account of the author's successful employment of propylamine and trimethylamine in acute rheumatism see *Brit. and For. Med.-Chir. Rev.*, April, 1873, p. 497.

1874. CERASI, T. On Propylamine.

Loc?

A summary of the contents of this work, which treats of the therapeutic uses of propylamine and its salts in various diseases, is given in *London Med. Record*, January 13th, 1875, p. 25. I have been unable to obtain the original title of this work or the place of its publication.

PRUNUS PADUS, Linn.

Bird Cherry.

1812. BREMER, W. A. E. Bemerkungen und Erfahrungen über die Wirksamkeit der Rinde des Traubenkirschbaums (*Cortex Pruni Padi*) und dessen therapeutischen Benutzung in gichtischen und rheumatischen Krankheiten. Berlin, 8vo, pp. 54, col. i.

Bibl. Roy.

PRUNUS VIRGINIANA.

Virginian or Wild Cherry Tree.

1802. MORRIS, C. *Diss. on the *Prunus Virginiana*, commonly known in U.S. by the name of Wild Cherry Tree.

Philadelphia, 8vo.

PRUNUS (CERASUS) LAUROCERASUS, Linn.

Cherry Laurel

1717. DOLLFUSS, J. G. **Cerasologia medica.* Basileæ, 4to, pp. 24.

1732. SCHAUB, J. *Diss. medico-chemica sistens *Laurocerasi* qualitates medicas ac venenatas imprimis veneni essentiam. (In *Collect. Thes. Marburg*, iii).

Marpurgi, 4to.

Bibl. Coll. Surg. Lond.; Acad. Edin.

1737. VATER, A. *De *Laurocerasi* indole venenata exemplis hominum et brutorum ejus aqua necatorum confirmata. Resp. J. A. S. Boettiger. Wittembergæ, 4to, pp. 32.

Bibl. Radcliffe.

1740. VATER, A. *Vide* "Oleum Animale Empyreumaticum," 1740.

1746. LANGRISH, B. Physical Experiments...on the Lauro-cerasus, in order to investigate its properties and manner of action in animal bodies. London, 8vo. *Bibl. Coll. Surg. Lond.*
1781. FONTANA, F. *Traité sur le Venin de la Vipère, les poisons Américains, le Laurier-cerise, &c.* Firenze, 2 vols. 4to. German transl. Berlin, 1787, 2 vols. 4to. English transl. by J. Skinner, London, 2 vols. 8vo, 1787. *Bibl. Med.-Chir. Soc.*
- A valuable and laborious performance, containing the results of upwards of six thousand experiments. See analytical review in *London Medical Journal*, 1784, p. 1-29.
1797. SPANDAU-DU-CELLIER, L. J. *De Lauro-cerasi viribus venenatis et medicamentosis. Groningæ, 8vo, pp. 89. *Bibl. Roy.*
1815. SCOTT, G. B. *De Lauro-ceraso. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Manchester Med. Soc.*
1818. BERGONZI, G. De Lauro-ceraso et Tartar-Emetico. Paviæ, 8vo.
1823. SAUTHIER, J. Histoire de la nouvelle doctrine médicale, &c., suivie de quelques considérations sur l'emploi de l'Eau de Laurier-cerise dans les Inflammations de la Poitrine. Paris, 8vo.
1838. PATON, M. *Observations sur l'Hydriodate de Laurier-cerise (Pharmaceutical). Paris, 4to, pp. 24.
1858. ROCHE, —. Traitement de la Pneumonie par les préparations Cyaniques, ou de l'emploi de l'Eau de Laurier-cerise dans la Pneumonie aiguë franche. Besançon, 8vo, pp. 21.
1869. MORRA, V. L'Acqua di Lauro-ceraso nella cura del Mu-ghetto. Napoli, 8vo, pp. 12.

PSYCHOTRIA EMETICA. Vide EMETIN, 1823.

PTEROCARPINE. Vide ALCALOIDS, 1875.

PULSATILLA NIGRICANS. Vide ANEMONÉ PRATENSIS.

PUNICA GRANATUM, Linn.

Pomegranate.

1712. WEISS, J. C. *De Malo Punico. Præs. J. J. Baier. Altdorff, 4to, pp. 28. *Bibl. Banks.*
1760. GERHARD, E. Disq. physico-chimica Granatorum Silesiæ et Bohemiæ. Francof. 4to.
1809. REHMANN, —. Pomegranate Rind as a Febrifuge. See "Cinchona, Substitutes for," 1809.
1822. GOMES, B. A. Memoria sobre a virtude tanifuga do Romeira. Lisboa, 8vo. A French transl. by F. V. Mérat in *Journ. Compl. des Sci. Méd.*, xvi, p. 24, 1823.
1825. PLACE, F. *De usu Corticis radiceis Granati. Berol. 8vo, pp. 27, 30.
1828. MARINUS, J. R. De l'emploi de la racine de Grenadier contre le Ténia. Bruxelles, 8vo, pp. 13.

1829. SIEHR, R. *De Cortice radicis Granati. Berol. 8vo, pp. 55.
 1831. LATOUR, —. *Recherches sur l'écorce de la racine de Grenadier, &c. Paris, 4to.
 1831. LETENNEUR, A. *Essai sur l'écorce de la racine de Grenadier considérée comme ténifuge, &c. Montpellier, 4to.
 1832. MÉRAT, F. V. Du Tænia ou ver solitaire et de sa cure radicale par l'écorce de racine de Grenadier. Essai couronné par l'Acad. Royale des Sciences, 1832. Paris, 8vo, pp. 164.
 1834. CHEVANNE, J. *Des Tænia's et des diverses méthodes employées pour les détruire, de leur cure radicale par l'écorce de la racine de Grenadier. Montpellier, 4to.
 1847. ITSTEIN, M. Das Gallensaure Natron...nebst einigen Bemerkungen über...Cortex Radicis Granatorum. Mainz, 8vo, pp. 36.

PYRETHRI RADIX.

Pellitory Root.

1709. SLEVOGT, J. H. *Prolusio de Pyrethro. Jenæ, 4to, pp. 8.
Bibl. Banks.

PYROLA, Sp. of.

Winter Green.

1803. MITCHELL, J. S. *Essay on the Arbutus Uva Ursi and Pyrola umbellata and P. maculata, Linn. Philadelphia, 8vo.
 1814. SOMERVILLE, W. On the Diuretic properties of Pyrola umbellata. (Ex. in *Med.-Chir. Trans.*, v, p. 340.)

As a powerful diuretic, it is strongly recommended by the author in dropsies connected with debility. Although its virtues had been recognised by Dr. Mitchell in 1803 (*anté*), it was only after the publication of Dr. Somerville's paper that it came into general use.

1817. WOLF, E. *De Pyrola umbellata. Gottingæ, 8vo, pp. 54.
 1821-29. RADIUS, J. Specimen ii. De Pyrola et Chimophila. Specimen primum botanicum, Lipsiæ, 1821, 4to, pp. 39, tab. 5. Specimen secundum medicum, Lipsiæ, 1829, 4to, pp. 32.
Bibl. Linn. Soc. Part I.

PYROTHONIDE.

Rag Oil, Paper Oil.

1827. RANQUE, H. F. Mémoire clinique sur l'emploi en médecine du Pyrothonide ou Huile Pyrogénée, provenant de la combustion des tissus soit de chanvre, soit de lin, ou de coton. Paris, 8vo, pp. 64. *Bibl. Roy.*

Pyrothonide (from *πῦρ*, fire, and *θόνη*, linen), an oily product obtained by the distillation of linen rags or paper, was first brought prominently to notice by M. Ranque in the above *brochure*. He advocates its use as a local application in ophthalmia, as an injection in uterine hemorrhage, leucorrhœa gonorrhœa, &c. See, further, *Méat et De Lens Dict. de Mat. Méd. Univ.*, v, p. 566.

QUASSIÆ LIGNUM.

Quassia.

1763. LINNÆUS, C. *Lignum Quassiae. Resp. C. M. Blom. Upsalæ, 4to, pp. 13, t. i. (Idem in *Amœn. Acad.*, vi, p. 416-429).
Bibl. Linn. Soc.; Coll. Surg. Lond. (sub nom. Blom).
1772. PAARMANN, P. M. *Ligni Quassiae Examen. Argentorati, 4to, pp. 40. (In *Wittwer, Diss. Med. Argentor.*, iii, p. 35).
Bibl. Med.-Chir. Soc. (Wittwer).
1775. KRATZENSTEIN, C. G. *De ligni Quassiae usu medico. Resp. P. Thorstensen. Hafniæ, 8vo, pp. 52. *Bibl. Banks.*
1776. SEVERI, D. S. Commentarius in quo medicatæ Quassiae vires expenduntur. Paviæ, 4to.
1777. RANÖE, A. B. Experimenta circa usum ligni Quassiae in affectionibus Hystericis. Kilæ, 4to.
1779. EBELING, J. T. P. C. De Quassia et Lichene Islandico, Glasgow, 8vo, pp. 58. Idem Lipsiæ, 8vo, 1792. (Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, p. 253).
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).
- Enters fully into the medical properties and uses of quassia Its virtues as a tonic, antiperiodic, and anthelmintic, are set forth, preceded by a short botanical history and some comparative experiments as to its powers as an antiseptic. The virtues of lichen islandicus, excepting as an antiseptic, are mentioned very cursorily. See also review in *Duncan's Med. Commentaries*, vi, 1779, p. 371.
1779. LUTHER, J. M. De præstantia ligni Quassiae observatio. Erfordiæ, 4to, pp. 8.
1781. LINDSAY, J. Account of the Quassia polygama and of Cinchona brachycarpa. (Ex. in *Trans. Roy. Soc. Edin.*, vol. iii, 4to.)
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1799. GIBSON, J. Treatise on Bilious diseases and Indigestion, with the effect of Quassia and Natron in those diseases. London, 8vo.
1801. VELLOSO, J. M. See "Simaruba," 1801.
1826. HAERTL, L. *De Quassia in specie et aliis remediis amaris in genere. Landishuti, 4to, pp. 16.
1859. HONIGBERGER, J. M. Heilung der Indischen Brechruhr durch Einimpfung des Quassins. Wien, 8vo, pp. 96, tab. i.

Honigberger's theory is that cholera is of parasitic origin, and that by means of the inoculation of a strong tincture of quassia, the *fons et origo mali* might be destroyed, quassia exercising, as is well known, a very deleterious action on many of the lower forms of animal life. These views the author has further developed in his work entitled, *Cholera its Cause, and infallible Cure*, Calcutta, 1861, 8vo, pp. 26. Whilst serving in India, a bottle of his concentrated tincture was furnished me, with directions for use, but having no faith in it I never gave it a trial.

QUERCUS ROBUR, Linn.

The Oak.

1555. DU CHOUL, J. *De varia Quercus historia, &c.*
Lugd. Bat. 8vo, pp. 71, figs. Alt. ed. ibid. 1558. *Bibl. Banks.*
- 1737-8. ENGSTRÖM, J. *Diss. de Quercu. Libell. ii. Resp. J. H. Lange. Londini Gothorum, 4to. *Bibl. Banks.*
- This work is apparently more philological and historical than medical.
1774. SCHRÖDER, F. J. W. *Von den Wirkungen der Eichen, Verstopfungen der Drüsen im menschlichen Körper aufzulösen.* Göttingen und Gotha, 8vo. *Bibl. Roy.*
1775. KEISER, S. H. A. *Unterricht von dem Nutzen und besonderer Heilungskraft der Eichen in Absicht auf die Dörrsucht oder Auszehrung der Kinder.* Lemgo, 8vo. *Bibl. Roy.*
1778. MUELLER, J. J. *Diss. sistens suspiciosas glandium Quercicarum laudes medicas, &c.* Traject. ad Viad. 8vo.
1781. RITTER, J. F. **De usu medico glandis Quercinæ.* Ceniponti, 4to, pp. 76.
1782. KARCHS, J. F. X. *Anmerkungen über die Heilkraft der Eichen in der Ruhr.* 2nd. Aufl. Francof. am Mæn. 8vo. *Bibl. Roy.*
1784. MARX, M. J. *Geschichte der Eichen, nebst Erfahrung über den diätetischen und medicinischen Gebrauch derselben.* Diss. 8vo. *Bibl. Roy.*
1791. REDIKER, J. F. J. **De Quercus roboris virtute medica.* Duisburgi, 4to, pp. 28.
1792. JACKSON, S. H. *Dermato-Pathologia, &c.... With appendix, with the particular view of recommending the Oak Bark as a new marine Antiscorbutic, and as a probable Antiseptic in some other putrescent disorders.* London, 8vo.
1808. WAUTERS, P. E. *On Oak Bark.* See "Digitalis," 1808.
1809. RAUSCHENBUSCH, C. **De manifestis in organismo vivo mutationibus usu Chinæ, Quercus et Tormentillæ productis.* Tubingæ, 8vo.
1865. PLANCHON, G. *Le Kermès du Chêne au point de vue zoologique, commercial et pharmaceutique.* Paris, 8vo, pp. 47.

QUININE et CINCHONINE.

1812. GOMES, B. A. *Ensaio sobre o Cinchonino, e sobre sua influencia em a virtude da Quina, e de outras Cascas.* (Ex. *Collecção das Mem. d'Acad. das Sciencias de Lisboa*, iii, p. 202). Lisboa, 4to.

In this memoir Gomes announced the discovery of the active principle of cinchona. The substance, however, which he named cinchonino was subsequently found by Pelletier and Caventou (1821) to consist of two distinct alkaloids, one of which they named quinine and the other cinchonine.

1816. FICINUS, H. Cinchonin, medicamen efficacissimum adversus Cachexiam e febre intermittente abortam, &c.
Dresden, 8vo, pp. 32. *Bibl. Roy.*
1821. PELLETIER, J., et CAVENTOU, J. B. Analyse chimique des Quinquinas suivie d'observations médicales sur l'emploi de la Quinine et de la Cinchonine. Paris, 8vo, pp. 88.
1821. POTIER, A. J. *Emploi du Sulfate de Quinine et du Sulfate de Cinchonine dans le traitement des Fièvres Intermittentes.
Paris, 4to.
1822. BLAN, V. T. *Essai sur l'emploi du Sulfate de Quinine dans le traitement des Fièvres Intermittentes. Paris, 4to.
1822. LOW, A. *Sur le principe actif du Quinquina. Paris, 4to.
1822. STRATINGH, S. Scheikundige Verhandelinge over de Cinchonine en Quinine, &c. Gröningen, 8vo, pp. 112. *Bibl. Roy.*
1822. ROY, C. H. A., und BERNARD, J. C. Waarnemingen, gedaan met het Sulfas de Quinine, &c. Amst. 8vo, pp. 37. *Bibl. Roy.*
1822. MARIANINI, P. Memoria di alcune indagini intorno all' uso ed all' efficacia del Solfato di Chinina. Mortara, 8vo, pp. 72.
1822. SILVA, O. Memoria del Solfato di Chinina e del metodo più facile di ottenerlo. Milano, 12mo, pp. 24.
1822. ROSSI, F., et TONELLI, G. Sul Solfato di Chinina.
Roma, 8vo, pp. 40.
1823. BOSCH, H. VAN DEN. Waarnemingen omtrent den Sulphas Chininæ. Utrecht, 8vo. *Bibl. Roy.*
1823. MAANEN, J. R. VAN. *De Sulphate Chininæ.
Lugd. Bat. 8vo, pp. 78. *Bibl. Roy.*
1823. NIEUWENHUY, F. L. A. Diss. on Quinine and Cinchonine. (In Dutch). Amsterdam, 8vo, pp. 117. *Bibl. Roy.*
1824. MARTIN-SOLON, F. Alcalia quædam vegetabilia novissime inventa, seu pura seu cum acidis composita, medicaminibus e quibus extrahuntur sunt-ne præstantiora, scilicet Morphina Opio, Quinina cortice Peruviano, Emetina tota radice Ipecacuanhæ.
Paris, 4to.
1824. TOWNSEND, R. *De usu medico Sulphatis Quiniæ. Paris, 8vo. *Bibl. Coll. Phys. Edin.; Manchester Med. Soc.*
1825. BRERA, V. L. Nuóvi cenni sul China bicolorata, &c. Signiti da qualche considerazióne sul valore eminentemente accordato al Solfato di Chinina, &c. Milano, 8vo, pp. 30.
1825. SEMMOLA, G. De l'usage médicinal de la Quinine et de la Cinchonine, &c. (en Italien). Napoli?
1826. FERNANDEZ DE NOCEDA. *Observations sur les avantages du Sulfate de Quinine dans le traitement des Fièvres Intermittentes recueillies à Santiago de Cuba. Montpellier, 4to.
1827. WITTMANN, F. J. Das Schwefelsaure Chinin als Heilmittel betrachtet. Mainz, 8vo, pp. 164. (Translated from the Dutch, Haarlem, 1825). *Bibl. Coll. Surg. Lond.*

1827. MARTIN (*fls*). Mémoire sur le Sulfate de Quinine appliqué sur les vésicatoires dans les Fièvres Intermittentes. (Ex. in *Revue Médicale*, iii, 1827, p. 369.)

Notices of Mr. Martin's observations will be found in *London Med. Phys. Journal*, November, 1827. *Edin. Med. and Surg. Journal*, April, 1828, and in *American Journ. of Méd. Sci.*, vol. i, 1828, p. 446, and vol. ii, p. 436. *Callisen*.

1828. BOEHLER, J. J. De Chinino Sulphurico. Lipsiæ, 8vo.
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1828. FRAENKEL, S. *De Chinchonino et Chinino, eorumque salibus. Berol. 8vo, pp. 39.

1828. LEHMANN, F. C. C. *Observationes de usu externo Chininii et Muriatici et Sulphurici. Berol. 8vo, pp. 22.

- 1828? SPERANZA, C. Guarigione di varie Febbri Intermittenti col Solfato de Chinina applicato col metodo endermico. Bologna, 8vo, pp. 16. *Bibl. Coll. Phys. Edin.*

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1828. WESCHE, V. J. *De Chinino præcipue de externâ applicatione. Berol. 8vo, pp. 44.

1828. YVAN, V. *Diss. sur le Sulfate de Quinine. Paris, 4to.

1829. GOUDORP, H. *Essai sur l'emploi du Sulfate de Quinine dans le traitement des Fièvres Intermittentes.. Paris, 4to.

1829. HENRY, (*fls*). Note au sujet des falsifications du Sulfate de Quinine. Paris, 8vo.

1829. CARMINATI, B. De nuovi Chinici Alkali ei Solfati di Cinconina e Chinina e di nuovi usi loro medicinali. Milano, 8vo.

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1830. RUYSSCHAERT, A. *De Sulphate Quinquinae in curandis Febribus præsertim Intermittentibus. Gandavi, 4to, pp. 37.

1830. STRAMBIO, G. Intorno alle mediche proprietà delle acque madri del Solfato di Chinina, ed alla preferenza che possono meritare su quest' ultimo nella cura delle Febbri Intermittenti. Milano, 8vo.

1831. LACOUR, G. *Essai sur le Sulfate de Quinine donné à haute dose dans les Fièvres Intermittentes et les Engorgemens de la Rate, &c. Paris, 4to.

1831. BUCCERONI, M. Sul' uso del Solfato di Chinino combinato col Vino Colchico per la cura della Podagra. Napoli, 8vo, pp. 12.

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- 1833-39. GIACOMINI, G. A. *Dei Soccorsi Terapeutici, &c.* (*Vide* "General Therapeutics," 1833.) *App.* i. Intorno agli effetti eccessivi e perniciosi del Solfato di Chinina. Padova, 1838, pp. 44. *App.* ii. Ancora sugli effetti del Solfato di Chinina. Padova, 1838, pp. 24.
1834. DELAVIGNE VILLENEUVE, A. M. **Emploi et effets thérapeutiques du Sulfate de Quinine.* Paris, 4to.
1834. GIGAUD, P. M. G. **Considérations générales sur le Sulfate de Quinine et sur son emploi dans le traitement des Maladies Périodiques.* Montpellier, 4to.
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1836. RISTELHUEBER, J. *Sur le Choléra, et l'emploi du Sulfate de Quinine comme préservatif, &c.* Strasbourg, 8vo, pp. 16.
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1837. ROMUALD, W. R. **Emploi du Sulfate de Quinine.* Paris, 4to.
1838. MORONI, F. **De Sulfato Chininæ.* Patav. 8vo, pp. 24.
1839. NOACK, A. *Das schwefelsaure Chinin in seinen Wirkungen auf den gesunden und kranken menschl. Organismus.* (Homœopathic?) Leipzig, 8vo.
1840. DESIDERIO, A. *Expériences faites sur des animaux relativement au Sulfate de Quinine.* Venise, 8vo.
1840. WITZENDORF, A. B. *De Chinodino.* Lipsiæ, 4to, pp. 22.
1842. ASMUS, J. B. *Ueber die Heilwirkungen des Chinins in der Lungenschwindsucht.* Königsberg, 8vo.
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1843. DESIDERIO, A. *Examen d'un jugement émis sur quelques faits relatifs au Sulfate de Quinine et nouvelles expériences sur le même médicament.* Venise, 8vo.
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This and the three preceding works by the same author are in Italian, and appear to have attracted considerable attention at the time of their publication.
1850. BERTHERAND, E. L. *Du traitement des Fièvres Intermittentes en Algérie, et principalement de l'administration du Sulfate de Quinine dans ces Fièvres.* Paris, 8vo.
1853. PEPPER, W. *On the use of Berberine and Chinchonia in the treatment of Intermittent Fever.* Philadelphia, 8vo.
1856. MACPHERSON, J. *Quinine and Antiperiodics in their therapeutic relations.* *Vide* "Anti-periodics," 1856. Calcutta, 8vo.

1857. BEAUPOIL, —. Des indications de Sulfate de Quinine dans certaines formes de Maladies Aiguës. Metz, 8vo, pp. 84.
1857. CONTÉ, J. Note sur le danger du Sulfate de Quinine dans le traitement des Fièvres Typhoïdes. Paris, 8vo, pp. 12.
1857. LIÉGÉY, —. Nouveau cas d'Hémorrhagie périodique, &c. guérison par l'emploi des préparations de Quinquina. (Ex. in *Rev. Thérap. du Midi.*) Montpellier, 8vo.
1857. HOOD, P. The successful treatment of Scarlet Fever, &c. London, 8vo. Ibid. 1869.
- The successful treatment of scarlet fever here advocated consists in the systematic administration of quinine from an early stage, preceded, however, by an emetic and a purgative, and with sundry minor precautions; and the author then strongly affirms, not only that this method saves life, but that it prevents the occurrence of secondary affections of the viscera, particularly renal dropsy.—*Practitioner*, February, 1869, p. 102.
1858. PALMER, A. B. The Sulphate of Quinia. (Lectures delivered at the University of Michigan. Published by the Class?) Detroit, U.S., 8vo.
1858. RANKE, H. Über die Ausscheidung der Harnsäure beim Menschen im physiolog. Zustande und in einigen Krankheiten, sowie unter dem Einflusse des schwefelsauren Chinins. München, 8vo.
- For notice of Ranke's observations on the action of quinine on the urine see *Medical Times and Gaz.*, 1857, vol. i, p. 537.
1859. SEMANAS, P. F. Traité des frictions Quinines chez les enfans. Lyon et Paris, 8vo, pp. 223.
1860. MOUTARD-MARTIN, E. Mémoire sur la valeur du Sulfate de Cinchonine dans le traitement des Fièvres Intermittentes. (Ex. *Mém. de l'Acad. Impériale de Méd.*, xxiv.) Paris, 4to, pp. 48.
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1862. GRÉGOIRE, H. *Considérations sur le Sulfate de Quinine. Montpellier, 4to, pp. 48.
1863. JOSIEN, A. *De la Fièvre Puerpérale et de son traitement par le Sulfate de Quinine. Strasbourg, 4to, pp. 36.
1863. LIEGEY DE RAMBERVILLE, —. Note sur l'Erysipèle considérée principalement comme pouvant être une maladie à Quinquina. Bruxelles, 8vo, pp. 16.
1865. GOUTAS, A. N. Troisième Mémoire sur le Choléra et sur le succès du traitement par les Sinapismes et l'usage de la Quinine. Athènes, 8vo. *Bibl. Méd.-Chir. Soc.*
1865. PIHAN-DUFEILLAY, O. De l'administration du Sulfate de Quinine en injections sous-cutanées. (Ex *Bull. Gén. de Thérap.*, May 30th, 1865). Paris, 8vo, pp. 23.
1866. BOTTARO, J. Étude des Affections Périodiques idiopathiques, ou des Fièvres intermittentes, rémittentes, continues et pernicieuses, des pays chauds, guéries ou heureusement modifiées par la Quinine et le Fer. Montpellier, 8vo, pp. 120.

1866. GALLOT, E. *De la méthode hypodermique en général et des injections sous-cutanées du Sulfate de Quinine en particulier.

Paris, 4to.

1866. GUALLA, B. Della iniezione ipodermica di Chinino nella cura delle Febbri Periodiche Intermittenti. Milano, 8vo, pp. 7.

1866. PROUST, E. A. *De l'emploi du Sulphate de Quinine par la méthode hypodermique.

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1866. DODEUIL, T. Traitement du Rhumatisme Articulaire par les injections sous-cutanées de Sulfate de Quinine: recherches sur l'absorption hypodermique de ce médicament. (Ex *Bull. de Thérap.*)

Paris, 8vo, pp. 20.

1867. GAULA, B. Idrofobia trattata colle inoculazioni ipodermiche di Solfato di Chinina.

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1867. RONZIER-JOLY, A. Étude clinique et comparée de l'action du Sulfate de Quinine et du Quinquina en substance dans les Fièvres Intermittentes et Pernicieuses. Orléans, 8vo, pp. 128.

1867. BINZ, C. Experimentelle Untersuchungen über das Wesen der Chininwirkung.

Berlin, 8vo, pp. 65, tab. col. i.

This pamphlet contained the first notice of the author's important discovery of quinine's restraining or annihilating power on white blood cells. See *Kerner*, 1873, and *Binz*, 1875.

1867. JONES, T. Quinine as a prophylactic against Malarial Fever. (A Reprint?)

Nashville, U.S.

1867. GOYON, A. *Étude physiologique et thérapeutique du Sulfate de Quinine.

Paris, 4to.

1868. PARISEL, F. Picric Acid as a substitute for Quinine. *Vide* "Picric Acid," 1868.

1868. MARTIN, A. *Das Chinin als Antiphlogisticum. Giessen.

This pamphlet conveys to our minds the impression of thorough and patient scientific research leading to sound conclusions. For a summary of them, see *Practitioner*, July, 1869, p. 108.

1868. BINZ, C. Das Chinin in den Krankheiten des kindlichen Alters.

A well directed effort to attract more general attention to the use of quinine in the treatment of the diseases of childhood.—*Practitioner*, August, 1868, p. 103—5.

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1869. ADAM, —. *Ueber den therapeutischen Werth des Chinoindinum sulfuricum.

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1869. SEEGALL, —. *Die Wirkungen des Chinins.

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1870. VALS, J. *Du Sulfate de Quinine et de ses indications dans la Fièvre Typhoïde. Paris, 4to.
1870. MONTEVERDI, A. *Vide* "Cinchona," 1870.
1870. GEORGESCO, N. T. *Recherches sur l'action physiologique et thérapeutique du Sulfate de Quinine. Paris, 4to.
1870. MONTEVERDI, A. On the powers of Quinine in inducing uterine contractions, &c. *Vide* "Cinchona," 1870.
1870. BLOCK, —. *Üeber den Einfluss des Chinins auf Temperatur und Herz-action. Göttingen, 8vo.
1870. JOHANNSON, —. *Beiträge zur Kenntniss der Chinin-Resorption. Dorpat, 8vo.
1870. TOMASCHEWSKY, —. Ueber die Wirkung des Chinins auf die alkalische Harngährung. Russische Dissert. St. Petersburg.
1871. SCHRÖTTER, L. Ueber die Wirkung des Tartarus emeticus und des Chininum bisulfuricum auf die Temperaturverhältnisse bei der croupösen Pneumonie. Wien, 8vo, pp. 35, lithogr. plates, 5 in folio.
1871. BICKEL, —. *Die Einwirkung des Chinoidins auf die Milz. Greifswald, 8vo.
1872. JANSEN, —. *Untersuchungen über den Einfluss des Chinins auf Körperwärme und Stoffumsatz. Dorpat, 8vo.
1872. BARTHAREZ, J. Du traitement des Hémorrhagies de Matrice par le Sulfate de Quinine. Paris, 8vo, pp. 42.
1872. FORTIN, E. E. *Étude sur le Sulfate de Quinine. Paris, 4to, pp. 130.
1872. GUYOCHIN, C. G. *Absorption, action physiologique et thérapeutique, élimination et transformation de la Quinine, dans l'économie. Paris, 4to. *Ibid.* 8vo, pp. 46.
1872. COLIN, L. Étude sur les sels de Quinine, leur action physiologique et médicale. Paris, 8vo, pp. 43.
1873. KERNER, G. Ueber den Einfluss des kristallischen und des amorphen Chinins auf die weissen Blutzellen und den Eiterbildungsprocess. Frankfurt am Main, 8vo.

In this pamphlet Dr. Kerner supports, by many new and interesting facts, the important discovery of Dr. Binz (1868) that quinine is above all things a "Protoplasmagift," and that it is capable of restraining or annihilating the vital movements of white-blood cells and other amoeboid bodies, a position which was attacked in a very able paper by Dr. Geltowsky in the pages of the *Practitioner*, June 1872, p. 321-335, and replied to by Dr. Binz in the September number of the same Journal, p. 141-147. For a comprehensive sketch of this controversy, and of Dr. Kerner's interesting pamphlet, see *Practitioner*, March, 1873, p. 160-171.

1873. CHIARLEONI, G. Del Solfato di Chinina quale abortivo ed
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1873. PONTI, F. Il Solfato di Chinina contro l'Ambliopia da neure-
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1873. RAVÀ, G. Sull' Amaurosi Nicotinica: lettera al F. Ponti.
 Sassari, 8vo, pp. 20.
1873. PONTI, F. Amaurosi Nicotina e Solfato di Chinino: lettera
 in risposta a quella del G. Ravà. Parma, 8vo, pp. 16.
1873. ZAPPULLA, V. Su la virtù medicamentosa della China e
 de' preparati di Chinina di eccitare l'azione fisiologica della fibre
 muscolari dell' utero possa valere a provocare l'Aborto. Milano.
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 eccito-motore delle fibre muscolari dell' utero gravido.
 Siena, 8vo, pp. 24.
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1873. DUBOUÉ, —. Action comparée de la Quinine, &c. *Vide*
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1874. MONTEVERDI, A. Studi sopra l'azione del Miasma palustre
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1874. SIMULA, G. N. Sulla nuova azione dei preparati Chinoidei
 sull' utero proclamata dal Monteverde. Sassari, 8vo, pp. 16.
1874. BOCHEFONTAINE, L. T. Recherches relatives à la contractilité
 de la rate à l'action du Sulfate de Quinine, et de quelques autres
 substances sur cet organe. Paris, 8vo, pp. 111.
1874. GUITON, E. *Du Sulfate de Quinine. Quelques mots de son
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 Paris, 4to.
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1874. [Anon. ?]. Contributo alla constatazione della virtù medica-
 mentosa del Solfato di Chinina di eccitare l'azione fisiologica
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 &c., proclamata dal Angelo Monteverdi. Milano, 8vo, pp. 56.
1874. LADENDORF, —. *Chinin und Variola. Mit 11 Tafeln.
 Rostock, 8vo.
1874. FESTLER, F. S. Sopra le azioni dei rimedi interpretate con
 fatti fisico-chinici e sopra le differenti virtù terapeutiche oggidì
 attribuite al Solfato di Chinina. Padova, 8vo, pp. 42.

1874. OEFFNER, A. Die Anwendung des Chinins bei der Behandlung des Typhus auf der Abth. von Prof. Jos. v. Lindwurm im allgemeinen Krankenhause zu München.
München, 8vo, pp. 23, lithogr. ii.
1874. SCHARREMBROICH, G. Sullo stato attuale delle cognizioni mediche relative alla Chinina.
Milano, 8vo, pp. 32.
1874. GROSOLI, G. Contributo all'azione ostetrica del Chinino già dimostrata dal dott. Monteverdi: casi pratici.
Milano, 8vo, pp. 14.
1875. BENAZZI, A. C. Degli effetti del Chinino sulla contrattilità dell' utero: storia clinica. (Estratto).
Milano, 8vo, pp. 6.
1875. CHIRONE, V. Mécanisme de l'action de la Quinine sur la circulation.
Paris, 8vo, pp. 68.
1875. COLETTI, F. Sull'azione dei sali di Chinina: appunti e considerazioni. (Estratto).
Padova, 8vo, pp. 28.
1875. CONRAD, T. Quinine in Puerperal Fever. *Vide* "Alcohol," 1875.
1875. DUBOUE, —. Sur les propriétés thérapeutiques du Sulfate de Quinine. *Vide* "General Therapeutics," 1875.
1875. JERUSALIMSKY, N. Über die physiologische Wirkung des Chinins.
Berlin, 8vo, pp. 89.
1875. FRARI, M. On Quinine as a substitute for Ergot. *Vide* "Ergot," 1875.
1875. OUDEMANS, A. C. On Cinchona Alkaloides. *Vide* "Cinchona," 1875.
1875. PALIARD, V. *Recherches thérapeutiques sur la Cinchonine.
Paris, 4to. Ibid. 8vo, pp. 64.
1875. PLANTARD, J. M. *De l'emploi du Sulfate de Quinine pendant la Grossesse.
Paris, 4to.
1875. DORVILLE, C. *Sur le traitement des Fièvres Intermittentes par le Sulfate de Quinine associé à l'Alcool.
Paris, 4to.
1875. MACHIAVELLI, P. La Cinchonina e i suoi sali: studi terapeutici. (Estratto).
Milano, 8vo, pp. 24.
1875. BRAKENRIDGE, D. J. On the use of Quinine as a gargle in Diphtheritic and other forms of Sore Throat. (Ex. in *Practitioner*, August, 1875, p. 110).
1875. BINZ, C. Das Chinin, nach den neuern pharmacologischen Arbeiten dargestellt.
Berlin, 8vo, pp. 78.

A very interesting and exhaustive treatise on the therapeutics of quinine. The book contains also a record of some original and important experiments on the action of quinine in blood-poisoning and typhoid fever.—*Edin. Med. Journ.*, December, 1875, p. 541.

In this pamphlet Professor Binz furnishes a critical summary of the work done with reference to the action of quinine since 1867, when his previous work on the subject appeared (*vide* 1867). Eighty-two papers are enu-

rated, of which no fewer than twenty-seven are from the pen of the professor himself. Most of the evidence is in favour of the views he originally put forth; these are ably summarised by Dr. E. Buchanan Baxter in *London Med. Record*, February 10th, 1875, p. 82-3.

QUININÆ TANNAS.

Tannate of Quinine.

1852. BARRESVIL, J. B. Documents académiques et scientifiques sur le Tannate de Quinine. Paris, 8vo, pp. 60.
1852. ORFILA, BUSSY, et BOUVIER. Rapport sur les propriétés thérapeutiques du Tannate de Quinine de Barresvil, fait à l'Acad. Nationale de Médecine. (Ex *Bull. de l'Acad. de Méd.*, February, 29th, 1852.) Paris, 8vo.
1852. HENRY, O. Réflexions au sujet du Tannate de Quinine. Paris, 4to.
1873. DEMAY, P. *Du Tannate de Quinine, et de son action sur la sueur des Phthisiques. Paris, 4to.
1874. REGNAULD, J. Observations et expériences pharmacologiques sur le Tannate de Quinine. Paris, 8vo, pp. 16.

QUININÆ VALERIANAS.

Valerianate of Quinine.

1841. PERETTI, P. Sopra il Valerianato de Chinina. Torino, 8vo. *Bibl. Manchester Med. Soc.*
1844. CASTIGLIONI, C. Annotamenti clinici intorno il Valerianato di Chinina. Milano, 8vo. *Bibl. Manchester Med. Soc.*

OTHER PREPARATIONS OF QUININE.

1875. MAURY, A. Du Phénate et du Salicylate de Quinine et de leur usage thérapeutique. Lyon, 8vo, pp. 24.
1875. GUBLER, A. Note sur l'emploi thérapeutique du Bromhydrate de Quinine. Paris, 8vo, pp. 20.

QUINIDINA, QUININDINE, or CHINIDIN.

1840. WITZENDORF, A. B. *De Chinoidino. Lipsiæ, 4to, pp. 16.
1851. DIRUF, O. Historische Untersuchungen über das Chinoidin in chemischer, pharmaceutischer und therapeutischer Beziehung, &c. Erlangen, 8vo, pp. 71.
1852. STROPP, C. E. *De Chinoidino. Berlin, 8vo, pp. 26.
See also "Quinine."

QUINIUM and QUINITE.

1856. LABARRAQUE, A. Mémoire sur le Quinium, extrait alcoolique des Quinquinas par la chaux. Paris, 8vo, pp. 32.

1858. LABARRAQUE, A. Nouvelles observations sur le Quinium. Paris, 8vo, pp. 16.
 1869. HALMAGRAND, —. De l'administration de la Quinite dans les Fièvres d'accès comme succédané du Sulfate de Quinine. Paris, 8vo, pp. 165.

RANUNCULUS, Sp. of.

1746. DARDENNE, J. P. R. Traité des Renoncules. Paris, 8vo.
 1766. CRAFF, C. Experimenta de nonnullorum Ranuncolorum qualitate, horum externo et interno usu. Vienna, 12mo, pp. 107.
Bibl. Med. Soc. Lond.; Acad. Edin.; Banks.
 Experimenta in variis animalibus fecit vir illust. inque variis Ranunculis. Vesicæ plerique cient, minori cum dolore, nullo cum lotii ardore, sed ulcera relinquunt difficilia. Animalia necant recentes, nam sicci vires amittunt, uti neque decocta cum Ranunculo aqua acris fit. Dolorem Acetosa sola compescit.—*Haller, Bibl. Bot.*, ii, p. 563,
 1783. MAYR, A. *De venenata Ranuncolorum indole, horumque interno externoque usu. Viennæ, 8vo, pp. 28.
 1798. LEWIN, R. *Quædam de Ranunculi dotibus. Edin. 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.; Acad. Edin.
 1811. BIRIA, J. A. J. Histoire naturelle et médicale des Renoncules. Montpellier, 4to, pp. 53, tab. 2.
 1835. TURNBULL, A. On the medical properties of the Nat. Ord. Ranunculaceæ, and more especially on the uses of Sabadilla Seeds, Delphinium Staphisagria, and Aconitum Napellus; and their alkaloids; Veratria, Sabadilline, Delphinia and Aconitine. London, 8vo, pp. 171. American ed. Philadelphia, 1838, 8vo.
 We believe in the efficacy of the drugs in question, and we are not unthankful to the author, who has taken much pains to make them known, but we condemn most unreservedly the careless, hasty, and unphilosophical manner in which the investigation has been conducted, and the blind and headlong zeal which has done its utmost to ruin the cause it would recommend in the minds of all sober thinkers.—*British and For. Med. Rev.*, October, 1858, p. 500.

RHAMNUS CATHARTICUS, Linn., et R. FRANGULA, Linn.

Buckthorn and Black Alder Tree.

1794. KOLB, J. G. *De cortice Rhamni cathartici. Erlangæ, 8vo, pp. 39.
 1850. BINSWANGER, M. Pharmacologische Studien über Rhamnus frangula und Rhamnus catharticus zur Ermittlung ihrer arznei-lichen Wirksamkeit. München, 12mo, pp. 180.
 1858. SAMELSON, L. *Quædam de efficacibus corticis Rhamni frangulæ, baccarumque Rhamni cathartici substantiis disquisitiones. Dorpati, 8vo, pp. 36.
 1861. RIGHINI, G. Sullo Spincervino o Ramno Catartico. Milano, 8vo.

RHEI RADIX.

Rhubarb.

1533. BELUS, L. Quæstio de Rhabarbaro.
Bononiæ, 4to. Ibid. 1560, folio.
1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.
1541. MATHAM, L. DE. De Rhabarbo et Cassia. Loc? 4to.
1562. BETTI, A. M. Quæstio de Rhabarbo.
Bonon. folio. Ibid. 1591, folio.
Quærit num magis pulvis datus alvum solvat, an potius aqua in qua rheum infusum fuerit. Commentarii vasti sunt et ad genium seculi.—
Haller, Bibl. Med. Pract., ii, p. 35.
1567. DURASTANTES, J. M. Problemata: 3 An Rhabarbarum ob Lienteriam, Dysenteriam ac astrictiorem sit comburendum.
Venetiis, 8vo.
1612. ALPINUS, PROSPER. De Rhapontico disputatio, &c. Patavii, 4to, pp. 30. Alt. ed. Lugd. Bat. 1718, 4to, pp. 25, tab. i.
Bibl. Med.-Chir. Soc.; Banks; Acad. Edin. (1718).
1628. L'EVEQUE, R., et RAINSSANT, S. *Ergo Cholera morbo Rhabarbarum.
Paris, 4to.
1679. TILINGIUS, M. Rhabarbarologia seu curiosa Rhabarbari disquisitio, illius etymologiam, differentiam, locum natalem, formam, temperamentum et vires detegens. Francof. ad Mœn. 4to, pp. 782, tab. 2. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
1708. WEDEL, G. W. *De Rhabarbari origine. Jenæ, 4to, pp. 8. *Bibl. Banks.*
1708. WEDEL, G. W. *De Rhabarbari, genere, differentiis et virtute. Jenæ, 4to, pp. 8. *Bibl. Linn. Soc.; Banks.*
1718. HOLLSTEIN, C. H. *Diss. Rhabarbari historiam exhibens. Lugd. Bat. 4to, pp. 24, tab. 1. *Bibl. Linn. Soc.; Banks.*
1724. CHAMBERS, W. De Ribes Arabum, et ligno Rhodio. Lugd. Bat. 4to, pp. 41. *Bibl. Roy.*
1725. BOUILLET, J. Lettre au sujet de la Rhubarbe. Beziers, 4to, pp. 8. Ibid. 1727, 8vo.
1733. DETHARDING, G. Disp. de Diabetis curatione per Rhabarbarum. Rostochii, 4to.
1737. BUCHWALD, B. J. DE. *De Diabetis curatione præprimis per Rhabarbarum. Resp. N. Ryberg. Havniæ, 4to. (in *Haller, Disp. Med. Pract.*, vii, p. 762).
Bibl. Med.-Chir. Soc. (Haller); Acad. Edin. (sub nom. Ryberg).
1745. JUCH, H. P. Analysis de vera indole et virtute Rhabarbari. Erfordiæ, 4to.
1749. VALCARENGHI, P. Uso ed abuso di Rhabarb unito alla China-China. Cremona, 4to. *Bibl. Med. Soc. Lond.*

1752. GMELIN, J. G. *Rhabarbarum officinarum*. Resp. V. Bengel. Tubingæ, 4to, pp. 32.

Bibl. Banks; Med. Soc. Lond. (sub nom. Bengel.).

Mainly pharmacological: treats, however, of the medical properties of rhubarb.—*Haller, Bibl. Bot.*, ii, p. 276.

1752. LINNÆUS, C. *Rhabarbarum*. Resp. S. Ziervogel. Upsaliæ, 4to, pp. 24, tab. i. Id. in *Amæn. Acad.*, iii, p. 211.

Bibl. Banks; Linn. Soc.

A good little thesis divided into thirteen sections, each dealing with rhubarb in a different point of view. Sect. iii contains a brief bibliography. Amongst its uses mention is made of the efficacy of rhubarb (especially when roasted) in the treatment of diarrhoea and dysentery. Although this thesis has been left in the place usually assigned to it, under the name of Linnæus, the respondent, S. Ziervogel, appears to have been the real author.

1754. KENNEDY, H. A. **De Rhabarbaro*. Edin. 8vo. *Bibl. Roy.*

1769. SANDEMAN, G. **De Rheo palmato*. Edin. 8vo.

Bibl. Med.-Chir. Soc.; Acad. Edin.

1771. KEMME, J. C., et GEBER, —. *De eximia Rhabarbari virtute medica in morbis quibusdam chronicis, &c.* Halæ, 4to.

1783. FOLKERSMA, W. **De Rhabarbaro officinali*. Groningæ, 4to, pp. 35. *Bibl. Roy.*

1784. FORDYCE, W. The great importance and proper method of cultivating and curing Rhubarb in Britain for medicinal uses. London, 8vo. *Bibl. Coll. Surg. Lond.*

1788. MOHRBEGK, G. L. J. *Diss. de Rhabarbaro, &c.* Gryphiswaldiæ, 4to.

1800. JACOBS, J. C. *De abusu radicis Rhabarbari in primo studio febrili Dysenterici catarrhalis*. Erfordiæ, 8vo.

1803. CLARION, J. **Travail chimique sur les Rhubarbes exotique et indigène*. Paris, 8vo, pp. 48.

1805. COSTE, —. *Précis historique de l'importation et de la naturalisation en France du Rheum palmatum, &c.* Paris, 8vo, pp. 90.

1816. BARBOT, —. **Recherches sur les espèces du genre Rhubarbe*. Paris, 4to.

1838. STEPHANITZ, A. L. **De Rhabarbaro*. *Dissertatio geographico-historica*. Berol. 8vo, pp. 52.

1844. RIVA, G. **Diss. de Rheo*. Paviæ, 8vo, pp. 48.

1853. LIEBER, J. **Diss. de radice Rhei*. Dorpati, 8vo, pp. 30.

1857. SAWICKI, L. *Quædam de efficaci foliorum Sennæ et radicis Rhei substantia disquisitiones*. Dorpati, 8vo, pp. 35.

1860. AUER, V. VON. *Diss. de radice Rhei*. Dorpati, 8vo, pp. 27.

1860. MEYKOW, E. *Comparatæ de radice Rhei aliisque quibusdam substantiis investigationes*. Dorpati, 8vo, pp. 36.

1865. RHEINWALD, C. *Die Störungen in den Verdauungs-Organen in Rücksicht auf die Heilwirkungen des Rhabarbers*.

Berlin, 8vo, pp. 72.

1874. SKRAUP, Z. H. Zur Kenntniss der Rhabarberstoffe, Chrysophansäure und Emodin. Wien, 8vo, pp. 8.

RHODIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... Rhodiums, &c., auf die thierischen Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. Lond.

See rev. in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 136. See also "Metals," 1825.

RHODODENDRON CHRYSANTHUM, Linn.

Yellow Rhododendron.

1779. KOELPIN, A. B. Praktische Bemerkungen über den Gebrauch der sibirischen Schneerose (*Rhododendron chrysanthum*) in Gichtkrankheiten. Berlin und Stettin, 8vo, pp. 115, tab. i.
Bibl. Banks.

The experiments of this author, which seem to have been conducted with accuracy and judgment, tend to show that this plant is particularly efficacious in chronic rheumatism and gout. *Vide* analytical review in *Lond. Med. Journ.*, Jan. 1st, 1781, p. 226, *seq.*

1783. ZAHN, J. H. *Diss. de *Rhododendro chrysantho*. Jenæ, 4to, pp. 24. *Bibl. Banks.*

1810. METTERNICH, A. F. Ueber die gute Wirkung der sibirischen Schneerose in der Gichtkrankheit. Mainz, 8vo. *Bibl. Roy.*

Confirms the efficacy of *Rhododendron chrysanthum* in arthritis.—*Edin. Med. Surg. Journ.*, April, 1817, p. 141.

RHUS TOXICODENDRON, Linn., et alt. species.

Poison Oak, Sumach, &c.

1788. DUFRESNOY, A. Des propriétés de la plante appelée *Rhus radicans*. De son utilité et des succès qu'on en a obtenus pour la guérison des Dartres, des affections Dartreuses et de la Paralyse des parties inférieures. Leipzig et Paris, 8vo, pp. 48. *Bibl. Banks.*

Much credit is due to Dr. Dufresnoy for this dissertation; he appears to be candid in the relation of his cases, his remarks are made with caution, and indicate great accuracy of observation.—*Horsfield, infra.*

1793. ALDERSON, J. Essay on the *Rhus toxicodendron*, Pubescent Poison Oak or Sumach, with cases showing its efficacy in the cure of Paralytic Affections and other diseases of extreme debility. Hull, 8vo, Third ed., 1804; Fourth ed., 1811. German transl. by Dr. L. F. Froriep. Jena, 8vo, 1797. *Bibl. Med.-Chir. Soc.*

1798. HORSFIELD, T. An experimental dissertation on *Rhus vernix*, *Rhus radicans*, and *Rhus glabrum*. Philadelphia, 8vo, pp. 88. *Ibid.* in *Caldwell's Med. Theses.*, art. iv, p. 113, *seq.*

Bibl. Med.-Chir. Soc. (Caldwell).

A work of much industry and merit; contains many interesting observations on the properties of these species of Sumach.—*Bigelow's Amer. Med. Bot.*, i. p. 109. One of the most complete accounts extant on these articles.

- 1799 (Ann. vii). DUFRESNOY, A. Des caractères, du traitement et de la cure des Dartres, et de la Paralyse des extrémités inférieures; des Convulsions, de la Coqueluche, de l'Epilepsie et du Tétanos, de la Vomique et de la Phthisie Tuberculeuse, &c., par l'usage du Rhus radicans, du Narcisse des Prés, et des Champignons meurtriers (*Agaricus piperatus* et *A. deliciosus*, &c.) Paris, 8vo. German transl. Halle, 1801, 8vo.

Bibl. Coll. Surg. Lond.

Analytical reviews in *Duncan's Annals of Med.*, iv, 1799, p. 182, *seq.*, and *Lond. Med. Rev. and Mag.*, vol. iv, 1800, p. 33, *seq.*

1800. BOEHMER, G. R. *De Toxicodendro. Resp. C. F. G. Eltz. Wittenbergæ, 4to, pp. 20.

1803. DELILE-FLAYAC, —. *Diss. sur la nature, les effets, et l'usage du Rhus radicans. Montpellier, 8vo.

1809. HEUSINGER, H. Observata quædam circa Rhoa toxicodendron et radicante. Helmstadii, 4to, pp. 36, tab. 2.

1811. BUSSE, C. F. H. De Rhoe toxicodendro et radicante.

Berolini, 8vo, pp. 48.

1815. ZSOLDOS, J. Historia corticis Rhus Cotini cum observationibus clinicis, præmio coronatis. Jaurini, 8vo, pp. 50.

Of fifty-two answers sent in to the question proposed by the Austrian Government as to the most perfect substitute for Cinchona, the second prize was awarded to the author of the above treatise.—*Edin. Med. Surg. Journ.*, April, 1817, p. 139.

1817. TARGIONI-TOZZETTI, O. Lettera contenente l'istoria d'una malattia prodotta dal Rhus vernix. Firenze, 8vo, pp. 24.

1818. MORIS, J. *Disputatio Academica (de Rhoibus radicante et toxicodendro, &c.). Augustæ Taurin. 8vo. *Bibl. Med.-Chir. Soc.*

1820. PRAAG, L. S. VAN. *De Rhoe radicante sive R. toxicodendro. Præs. N. Smalenburg. Lugd. Bat. 8vo, pp. 54, fig. 2.

Bibl. Roy.

1824. GRÜNER, F. J. *Ueber den Gift-Sumach.

Prag, 8vo, pp. 46.

RICHARDSONIA BRASILIENSIS.—Vide EMETIN, 1823.

RICINUS COMMUNIS, Linn.

Castor Oil Plant, Oil and Seeds of.

1598. PETZOLD, J. Epistola medica ad L. Scholzigium, qua explicat quid sit Palma Christi. Extat eo in Opere quod idem Scholzigius edidit. Francof. folio.

1749. FISCHER, J. A. *De Ricino Americano. Resp. J. P. Schmid. Erfordiæ, 4to, pp. 30. *Bibl. Banks.*

1764. CANVANE, P. Dissertation on the Oleum Palmæ Christi seu Oleum Ricini, or, as it is commonly called, Castor Oil, in which its history is illustrated, its virtues and properties explained, and its uses in bilious, calculous, and other disorders recommended.

Bath. 8vo, pp. 88, tab. i. Second ed. London, 8vo, 1769. Third ed. *ibid.* 1775. French transl. by M. Homart de la Chapelle. Paris, 8vo, 1779. *Bibl. Med. Chir.-Soc. ; Coll. Phys. Edin.*

To Dr. Canvane is due the credit of introducing castor oil into practice. Although he was inclined to over-estimate the powers of "this surprising medicine," endowing it with peculiar virtues in special cases, there can be no doubt that he rendered good service to the profession and the public by bringing to notice so safe and generally useful a purgative as castor oil. Amongst the maladies in which he lauds it, is colica pictonum, in which subsequent experience has fully confirmed its utility.

1780. HUNGERBYHLER, —. De Oleo Ricini, medicamento purgante et Anthelmintico præstantissimo. Friburgi Brisgovie, 8vo, pp. 45, tab. i.

Bibl. Banks ; Acad. Edin. (Ed. Francof. et Lipsiæ, 1791, 12mo).

1782. BONELLI, G. Memoria intorno al Olio di Ricino volgare. Romæ, 8vo, pp. 279, tab. i.

1786. NEVINSON, R. S. On the use of crude Mercury ; with remarks on Castor Oil. Newark, 8vo. *Bibl. Med.-Chir. Soc.*

1798. HANSEN, A. C. *De Oleo Ricini. Hafniæ, 8vo.

1806. FROMM, F. C. *De Oleo Ricini ejusque in variis Colicæ speciebus effectu præstantissimo. Leovardia, 4to. *Bibl. Roy.*

1815. LÖNEGREN, F. J. *De Ricino, Oleo Ricini, ejusque usu medico. Præs. C. P. Thunberg. Upsaliæ, 4to, pp. 12.

1824. BOUTRON-CHARLARD, A. F. et HENRY —. Recherches sur l'existence du principe âcre dans l'embryon du Ricin, et sur les causes de l'âcreté de l'Huile de Ricin d'Amérique. Paris, 8vo.

1855. BOUIS, J. *Recherches chimiques sur l'Huile de Ricin et sur l'alcool coprylique qui en résulte. Paris, 4to.

1857. KRICH, G. F. Experimenta quædam pharmacologica de Oleo Ricini, Crotoni, &c. Dorpati, 8vo, pp. 50.

1864. TUSON, R. V. On an Alkaloid contained in the seeds of *Ricinus communis*, or Castor-oil Plant.

A short but clear description of a new alkaloid, provisionally named "Ricinine" by its discoverer.—*Lancet*, Dec. 3rd, 1864, p. 637.

1869. HOUZÉ DE L'AULNOIT, —. De l'empoisonnement par les graines de Ricin. Lille, 8vo, pp. 14.

1870. PÉCHOLIER, G. Etude sur l'empoisonnement par les semences du Ricin. Montpellier, 8vo, pp. 32.

ROSA.

The Rose.

1561. MONARDES, N. De Rosa et partibus ejus, &c. Antwerpia, 16mo. Alt. ed. 1564? *Bibl. Med. Chir.-Soc.*

1628. ROSENBERG, J. C. Rhodologia seu philosophico-medica generosæ Rosæ descriptio. Flosculis philosophicis, arcanis politicis, chymicis, &c., adornata. Argentinae, 8vo, pp. 316. Alt. ed. Francof. ad Mœn. 1631, 8vo, pp. 403.

Bibl. Med.-Chir. Soc. ; Coll. Phys. Edin. (Ed. 1631).

1633. CASTELLUS, P. *Vide* "Scammony," 1633.

1681. HAGENDORN, E. *Cynosbatologia*. Jenæ, 8vo.

Bibl. Chir.-Med. Soc.

Collectio, cum aliqua descriptione Rosæ caninæ et ejus spongiæ; deinde fusius de modis, quibus vel ipsa Rosa, vel ejus vermiculi aut spongia in medicinam recipiuntur.—*Haller, Bibl. Bot.*, i, p. 585.

1751. DERCUM, L. A. *De Rosa. Wirceburgi, 4to, pp. 27.

1762. HERMAN, —. *De Rosa. Argentorati, 4to. (Ex. in *Wittwer Delect.*, ii. p. 34). *Bibl. Coll. Surg. Lond.*; *Acad. Edin.*

1795. DAVIDSON, W. On the Pulmonary System...with Appendix containing Observations on Rosa rubra, Flores Chamæmeli, and Sarsaparilla; also on Cicuta, Strammonium, Hyoseyamus, and Aconitum. London, 8vo, pp. 226. *Bibl. Med.-Chir. Soc.*

None of the observations on these articles of materia medica present anything of any particular novelty or interest.

N.B.—Several other works on the Rose are mentioned by Pritzel and by Mérat and De Lens, but they apparently partake more of a botanical or floricultural than of a medical character.

ROSMARINUS OFFICINALIS, Linn.

Rosemary.

1636. DELLA CHENA, P. *Vera virtu che si cava del Rosmarino*.

Romæ, 24mo.

Arcanum ex Roremarino paratum medicamentum extollit.—*Haller, Bibl. Med. Pract.*, ii, p. 620.

1685 (Anon.). Rosmarin-Büchlein, oder Beschreibung, wie Rosmarin zu zeugen und zu brachen. Halberstadt, 8vo.

1710. NEBEL, D. *De Rore marino. Resp. Limberger.

Heidelbergæ, 4to.

1718. ALBERTI, M. *De Rore marino. Resp. J. W. Sparmann. Halæ, 4to, pp. 32. *Bibl. Linn. Soc.*; *Banks.*

1718. SPIES, J. C. Rosmarini coronarii historia medica.

Helmstadii, 4to, pp. 39.

Potissimum medicamenta describit, quæ ex Rore marino obtinentur ut aquam spirituosam alia.—*Haller, Bibl. Bot.*, ii, p. 103.

1725. FICKIUS, J. J. *Diss. Rosmarinum exhibens. Resp. N. Boenerus. Jenæ, 4to, pp. 23.

Bibl. Banks; *Radcliffe* (*sub nom.* Boenerus).

RUBIA TINCTORUM, Linn.

Dyers' Madder.

1707. WURFFBAIN, F. S. *De Rubia tinctorum. Basileæ, 4to, pp. 28. *Bibl. Banks.*

1751. BOEHMER, J. B. *Radicis Rubiæ tinctorum effectus in corpore animali. Resp. C. A. Gebhard. Lipsiæ, 4to, pp. 42.
Bibl. Roy.

Propria habet experimenta. A Rubiâ intrusa animalia non pereunt, si seorsim ab alimento dederis: omnes ab ea humores animalis aliquantum tinguntur, etiam gluten articulare. Durissima ossa minus rubent, sed testa ovi gallinæ Rubiæ pastæ.—Haller, *Bibl. Bot.*, ii, p. 411.

1752. BOEHMER, J. B. Prolusio anatomica quo callum ossium cum Rubiæ tinctorum radicis pastu insectorum describit. Lipsiæ, 4to, fig. Bibl. Roy.

Nucleos osseos renascentis calli Rubia tingi, periosteum album manere: ambire nucleos. Novum os penitus rubet.—Haller, *op. cit.*, p. 411.

1753. DETLEF, P. *Ossium calli generatio et natura per fracta in animalibus Rubiæ radice pastis ossa demonstrata. Gottingæ, 4to. Bibl. Roy.

1758. ROBERT, M. J. C. *An rachitidi Rubia tinctorum affirmat. Resp. L. J. B. Cosnier. Paris, 4to.

Rubia adversus achores usus est; solam tamen aquam cum radice decoctam dedit.—Haller, *op. cit.*, p. 477.

1763. CANALS, J. P. Diss. sobre la Rubia. Madrid, 4to.

1763. STEINMEYER, G. F. *De Rubia tinctorum. Argentorati, 4to, pp. 32. Bibl. Linn. Soc.; Coll. Surg. Lond.

Descriptio et cultus Rubiæ Alsatiæ. Experimenta. Sola ossa tingit, lentius in vetulo animale. Pleræque Stellatæ plantæ depastæ perinde ossa tingunt.—Haller, *op. cit.*, p. 522.

1769. OETTINGER, F. C. *De viribus radicis Rubiæ tinctorum anti-rachiticis, a virtute ossa animalium vivorum tingendi non pendentibus. Tubingæ (in *Baldinger Syllog.*, v, p. 252.) Bibl. Med.-Chir. Soc. (Baldinger.)

Non multa a Rubia sperat ad rachitidis curationem.—Haller, *op. cit.*, p. 597.

1851. ROCHLEDER, F. Untersuchung der Wurzel der Rubia tinctorum, &c. Wien, 8vo, pp. 14.

RUBUS, Species of.

1716. KELLANDER, D. *Diss. de Rubo humili, &c. Præs. O. Rudbeck. Upsaliæ, 8vo, pp. 50, tab. ii. Bibl. Med. Soc. Lond.

1721. CAMERARIUS, R. J. *De Rubo idæo. Resp. T. H. Sawey. Tubingæ, 4to, pp. 20. Bibl. Banks.

1774. SCHULZE, J. H. *De Rubo idæo officinarum. Resp. J. A. Meyer. Halæ, 4to, pp. 26. Bibl. Linn. Soc.; Radcliffe (sub nom. Meyer.)

Gratissimi fructus laudes.—Haller, *Bibl. Bot.*, ii, p. 144.

1813. THUNBERG, C. P. *De Rubo. Upsaliæ, 4to, pp. 12, tab. i.

1815. WERNER, A. *De herba Rubri Chamæmori. Vilnæ, 8vo, pp. 24.

RUMEX AQUATICUS, Linn. et alt. sp.

Water Dock, Sorrel, &c.

1681. MÜNTING, A. De vera antiquorum Herba Britannica ejusque efficacia contra Stomacaceen seu Scelotyrben, &c. Amstelodami, 4to, pp. 231, tab. 24. Ibid. 1698. Redit. cum notis in H. Canegieter, Diss. de Brittenburgo, &c., Hagæ Com., 1734.

Bibl. Banks; Acad. Edin.

The edition of 1698 differs in no respect from that of 1681, excepting in having a new title page.—*Pritzel*.

1765. HILL, Sir J. The power of Water Dock (*i. e.* Rumex aquaticus) against the Scurvy. London, 8vo, pp. 32. Tenth ed. Lond. 1777, 12mo, pp. 46, tab. i.

Bibl. Coll. Phys. Edin.; Med.-Chir. Soc.

Like most of this author's writings, this essay savours strongly of empiricism. With regard to water dock in scurvy, he asserts that "few medicines are more effectual and none more innocent."

1808. ANELLI, G. Cenni medici sulla Salvia glutinosa, sul Lapázio acuto (*Rumex acutus*), &c. Milano, 4to.

RUSCUS ACULEATUS, Linn.

Butchers Broom.

1727. ZANNICHELLI, J. H. De Rusco ejusque medicamentosa preparatione. Venetiis, 8vo, pp. 15, tab. i. *Bibl. Banks.*

Nempe semina ad coffeæ modum tosta, potum dare non ingratum, et diureticum.—*Haller, Bibl. Bot.*, ii, p. 116.

RUTA GRAVEOLENS, Linn.

Common Rue.

1715. SLEVOGT, J. A. *De Ruta. Resp. J. Curtius. Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.*

1735. VATER, A. *De Ruta ejusdemque virtutibus. Resp. J. A. Kettner. Wittenbergæ, 4to, pp. 21. *Bibl. Banks.*

1735. STENTZEL, C. G. *De Ruta medicamento et veneno. Resp. J. C. Sternberg. Wittenbergæ, 4to, pp. 48. *Bibl. Banks.*

Ad mala hysterica, aliaque laudat.—*Haller, Bibl. Bot.*, ii, p. 179.

1818. PEROT, —. *Considérations générales sur les Emménagogues et en particulier sur la Rue, &c. Strasbourg, 4to.

1830. KROEBER, H. *Ueber die Ruta graveolens, Linn., &c. Würzburg, 8vo, pp. 32.

SABADILLA SEEDS and SABADILLINE.

Asagræa officinalis, Lindley.

1835. TURNBULL, A. On the medical properties of the Nat. Ord. Ranunculaceæ, and more particularly on the uses of Sabadilla seeds...Sabadilline, &c. London, 8vo, pp. 171.

See also "*Ranunculus*," 1835.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, Sabadillin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

SACCHARUM.

Sugar.

1597. KUNRATH, C. C. (C. C. K.). Fünf schöne Tractätlein vom Elleboro... Saccharo, &c. Lipsiæ, 8vo.
1637. SALA, A. Saccharologia. Rostochii, 8vo.
1659. TACCIUS, J. *Vide* "Alcohol," 1659.
1659. DEUSINGIUS, A. Diss. de Manna et Saccharo. Groningæ, 12mo, pp. 170. Id. in ejus *Diss. Select.*, pp. 383-564. *Bibl. Linn. Soc.; Coll. Phys. Edin.; Banks.*
1664. SALMASIUS, C. *Vide* "Manna," 1664.
1675. PELLETIER, N. Quæstio medica; est ne in medicina Saccharum utile. Paris, 4to.
1701. HOFFMANN, F. *Sacchari historia naturalis et medica. Resp. J. E. Moëderjan. Halæ, 4to, pp. 32. *Bibl. Linn. Soc.; Banks.*
1715. SLARE, F. Observations upon Bezoar-stones, which prove them to be of no use in physik; with a Vindication of Sugars against the censure of Willis and common prejudices. London, 8vo. *Bibl. Radcliffe; Coll. Surg. Lond.*
Egregius liber.—*Haller, Bibl. Pract. Med.*, iii, p. 507.
1719. DE PRÉ, J. F. *De Arundine saccharina. Erfordiæ, 4to, pp. 16.
1719. QUELUS, —. *Vide* "Theobroma Cacao," 1719.
1720. CRUMP, G. *De Arundine saccharifera ejusdemque usu. Lugd. Bat., 4to, pp. 15. *Bibl. Med.-Chir. Soc.*
1723. KINCK, S. De diætâ Saccharata. Regiomonti, 4to. *Bibl. Med. Soc. Lond.*
1750. SHORT, T. On Sugar, &c. *Vide* "Tabacum," 1750.
1752. BONHOEFFER, J. H. De Saccharo ejusque viribus et usu. Altdorfii, 4to.
1754. HATTÉ, J. B. Quæstio medica; an Saccharum parè nimis in hygiene laudatum, in praxi nuncupatum? Paris, 4to.
1759. ASTRUC, J. Quæstio medica; an Saccharum alimentum? Paris, 4to.
1761. MENDEL, P. *De Saccharo. Pres. J. F. Cartheuser. Francof. 4to, pp. 24. *Bibl. Med.-Chir. Soc.; Radcliffe; Banks (sub nom. Cartheuser).*
1763. PLAZ, A. W. De Saccharo. Programma. Lipsiæ, 4to, pp. 16. *Bibl. Radcliffe; Banks.*
1775. RUYS, —. *Diss. de Sacchari effectibus salubribus et insalubribus in corpus humanum. Duisburgi, 4to.

1788. CARMINATI, B. Des effets du Sucre et du Sel Marin sur le corps animal, &c. Paris.
1788. RIGBY, E. Chemical observations on Sugar. London, 8vo. German transl. by S. Hahnemann. Dresden, 8vo, 1791. *Bibl. Med.-Chir. Soc.; Linn. Soc.*
1789. LEBRETON, F. Traité sur les propriétés et les effets du Sucre. Paris, 12mo, pp. 192, tab. i. Nouv. éd. Paris, 1790, 12mo. *Bibl. Linn. Soc.; Banks.*
1799. MOSELEY, B. Treatise on Sugar. London, 8vo. *Bibl. Med.-Chir. Soc.*
1800. LANGSTEDT, F. L. *Vide* "Coffea," 1800.
1806. DUVAL, M. Essai sur la Toxicologie, suivi d'obs. et expériences sur l'emploi du Sucre dans les empoisonnemens par quelques oxydes minéraux. Paris, 4to.
1815. BUROLLEAU, S. L. *Emploi diététique et médical du Sucre. Paris, 4to.
1817. MAGENDIE, F. Mémoire sur les propriétés nutritives des substances qui ne contiennent pas d'azote (le Sucre, &c.) Paris, 8vo.
1820. GÜNTHER, J. J. Ueber die medizinische Anwendung des Zuckers. Köln, 8vo. Ibid. 1836. *Bibl. Roy.* (ed. 1820).
1832. POSTEL, M. P. Considérations sur l'emploi du Sucre dans les empoisonnemens par les matières Cuivreuses. (Ex *Journ. de Pharm.*, xviii, p. 570). Paris, 4to.
1844. KERSTING, E. F. *Saccharum sanguine receptum in urinam transire probatur experimentis. Misenæ, 8vo, pp. 23.
1845. BAGOT, —. Recueil d'observations pratiques sur les bons effets du Sucre dans le traitement des Hydropisies, &c. Paris, 8vo.
1855. GIBB, G. D. De l'assimilation du Sucre. Paris. *Bibl. Manchester Med. Soc.*
1856. POGGIALE, A. B. On the action of Sugar on the animal economy. See "Alkalies," 1856.
1846. LERAS, J. F. N. Observations sur le Sucre. Thèse de Chimie. Strasbourg, 8vo, pp. 40, tab. 6.
1856. WITTE, W. J. Meletemata de Sacchari, &c., in organismo mutationibus. Dorpati, 8vo, pp. 36.
1859. FISCHER, G. *Beiträge zur Frage über die Entstehung des Zuckers im thierischen Organismus. Göttingen, 8vo.
1862. MANTEGAZZA, P. *Sulla azione dello Zucchero e di alcune sostanze acide sui Denti. Pavia, 8vo.

This pamphlet contains the experiments of Professor Mantegazza (which always recommend themselves no less for the ingenuity and exactness they exhibit than for the interest which attaches to their subject-matter), under-

taken with the view of ascertaining the action of sugar upon the teeth. The main conclusion arrived at is, that weak, easily fermentable solutions of sugar act upon the dental structures in a destructive sense more rapidly than its stronger solutions, which being more concentrated are not equally liable to fermentative change. See *Brit. and For. Med.-Chir. Rev.*, October, 1863, p. 466.

1863. CAMERON, C. A. Sugar: its composition, properties, preparations, and adulteration, &c. Dublin, 8vo.

Contains a description of all varieties of sugar, its history from the earliest ages, its manufacture, adulterations, &c. It contains likewise portraits of the *Acarus sacchari*, which at one time attracted much attention in Dublin in connection with the sugar supplied to the South Dublin Union.—*Dublin Quart. Journ. Med. Sci.*, February, 1865, p. 196.

SACCHARUM LACTIS.

Sugar of Milk.

1700. PROSPERI, M. B. Inventoris de novo Saccharo Lactis præstantissimorum medicorum judicia: auctoris de eodem Saccharo relatio, novi systematis compendium, nec non pro absolvenda Arthritidis curatione notitia, &c. Venetiis, 12mo.
- 1701-5. WERLOSCHNIG, J. B. Laudes Sacchari Lactis in morbis Arthriticis (Ex. in *Mem. Acad. Nat. Cur.*, Dec. iii., Ann. x, Obs. 155.
1709. TESTI, L. De novo Saccharo Lactis. Lugd. Bat. 12mo. *Bibl. Acad. Edin.*
1713. FICK, J. J. Diss. de Saccharo Lactis et Magnesia alba. Jenæ, 4to.
1713. LEDELIUS, J. S. *Diss. de Arthritide ejusque remedio Saccharo Lactis. Præs. J. A. Slevogt. Jenæ, 4to.
1858. ERDMANN, E. O. Diss. de Saccharo lactico et amylaceo. Berlin, 8vo, pp. 31.

SAGAPENUM. Vide AMMONIACUM, 1861.

SALICINE.

Active principle of several species of *Salix*.

1830. BLAINCOURT, J. B. *Essai sur la Salicine et sur son emploi dans les Fièvres Intermittentes. Paris, 4to.
1831. BESSER, O. L. VON. *De Salicinio. Berolini, 8vo, pp. 32.
1833. RICHELLOT, G. Mémoire sur les propriétés fébrifuges de la Salicine. (Ex. in *Archives Gén. de Méd.*) Paris, 8vo.
1834. ELLIOT, V. L. *Considérations sur la Salicine et ses propriétés fébrifuges. Strasbourg, 4to.
1835. KANZLER, B. *Experimenta circa Salicinæ virtutem febrifugam. Pragæ, 8vo, pp. 38.
1835. BLOM, P. J. Medical Observations and Contributions on Salicine, with comparative observations on the merits of Sulphate

of Quinine and Piperine. Amst. 8vo, pp. 78. (In Dutch.)
German transl. by Dr. Salomon. Potsdam, 16mo, 1835, pp. 104.

A series of useful observations on the physiological and therapeutic effects of salicine, an abstract of which is given in *Edin. Med. Surg. Journ.*, xlviii, 1837, pp. 558-60.

1861. DUHALDE, HALMAGRAND, et GAUCHERON, MM. De l'administration du Cyano-ferrure de Sodium et de la Salicine dans les Fièvres d'accès, comme succédané du Sulfate de Quinine.

Paris, 8vo, pp. 128.

1864. MOITESSIER, A. Recherches sur la Salicine et les composés salicyliques (Chemical). Montpellier, 4to, pp. 76.

See also "Salix."

SALICYLIC ACID.

1875. FONTHEIM, K., KOLBE, H., und ZÜRN, F. A. Über die Wirkung der Salicylsäure als Arzneimittel. Leipzig, 8vo, pp. 11.

1875. FLECK, H. Versuche zur Feststellung des Werthes der Salicylsäure als Desinfectionsmittel, &c. München, 8vo, pp. 80.

1875. FÜRBRINGER, P. Zur Wirkung der Salicylsäure.

Jena, 8vo, pp. 120.

1875. NEUBAUER, C. Über die gährungshemmende Wirkung der Salicylsäure. Leipzig, 8vo, pp. 19.

1875. KOLBE, H., und NEUBAUER, C. Die Salicylsäure in ihren verschiedenen Wirkungen. Leipzig, 8vo, pp. 29.

See also "Disinfectants."

SALIX ALBA, Linn., et alt. sp.

The White Willow, and other species.

1769. HARTMANN, P. I. De Salice laurea odorata, Linnæi pentandra. Resp. C. H. Speckbuck. Traject. ad Viad. 4to, pp. 40.
Bibl. Banks.

1770. MEYER, I. J. De Salicis fragilis usu medico. Butzow, 4to.

1772. GUENZ, J. W. Disp. ii de cortice Salicis cortici Peruviano substituendo. Lipsiæ, 4to, pp. 28, 32; nova ed. Lipsiæ, 1787, 8vo, pp. 110.
Bibl. Acad. Edin.

1778. KONING, P. *De cortice Salicis albæ ejusque in medicina usu. Harderovici, 4to.
Bibl. Roy.

1781. HARTMANN, P. I. et LUDERS, —. *Diss. de virtute Salicis anthelmintica. Traject. ad Viad. 4to.

1782. AKERBERG, M. *De usu corticis Salicis in Febris Inter-mittentibus. Præs. E. Rosenbald. Lundæ, 4to, pp. 26.

1792. JAMES, S. Observations on the Bark of a particular species of Willow, showing its superiority to the Peruvian, and its

singular efficacy in the cure of agues, fluor albus, abscesses, hæmorrhages, &c., with cases London, 8vo, pp. 69.

Commends the bark of *Salix latifolia* (caprea) in strong terms as a substitute for cinchona.—*Med. Phys. Journ.*, x, 1803, p. 374.

1793. LOEBEN, J. *De usu corticis Salicis fragilis variis in morbis, præcipue in Febribus putridis. Præs. B. C. Otto.

Francof. ad Viad. 4to, pp. 18.

1798. WHITE, W. Observations and experiments on the broad-leaved Willow Bark (*Salix caprea*). Bath, 8vo, pp. 58.

Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

Adduces valuable testimony to the efficacy of the bark as a substitute for cinchona in the treatment of periodic fevers.—*Med. Phys. Journ.*, x, 1803, p. 374.

1803. WILKINSON, G. Observations on the Cortex Salicis latifoliæ. ... General History of the *Salix latifolia*, with a variety of experiments tending to elucidate its properties. Illustrated by cases demonstrating its superior efficacy above Cinchona in various diseases, particularly in medical surgery.

Newcastle, 8vo, pp. 118, tab. col. 1. *Bibl. Med.-Chir. Soc.*

The lengthy title of this work (which as given above is greatly abbreviated) sufficiently indicates the scope and character of the work. Though the author's cases show willow bark to possess valuable febrifuge properties, he fails to establish its claims as superior in efficacy to cinchona, which he considers it to possess. "We must acknowledge the fairness of his cases at the expense of the inferences which he would deduce from them."—*Med. Phys. Journ.*, x, 1803, p. 275.

1852. DESMARTIS, T. P. Propriétés médicinales des diverses espèces de Saules. Bordeaux, 8vo, pp. 16.

SALVIA OFFICINALIS, Linn.

Common Sage.

1688. PAULLINI, C. F. Sacra herba sive nobilis Salvia, &c.

Augustæ Vindelicorum, 8vo, pp. 414. *Bibl. Banks.*

Integrum volumen formularum, quas salvia ingreditur, ut tamen in omnia alia auctor divagetur, etiam in jura medicorum, et curationum historias.—*Haller, Bibl. Med. Pract.*, iii, p. 299.

1689. HUNAU, F. J. Discours physique sur les propriétés de la Sauge, &c. Paris, 12mo, pp. 106. Idem. Paris, 1698.

Agit de thea et coffea. Salviam commendat in locum utriusque. Eam describit, ejusque dat analysin. Vires medicas valde ornat, qui infuso se ipsum cephalalgia liberaverit.—*Haller, Bibl. Bot.*, ii, p. 40, et *Bibl. Med. Pract.*, iv, p. 205.

1695. AFFORTY, F. et TOURNEFORT, J. DE. *Ergo potus e Salvia salubris. Paris, 4to.

1715. WEDEL, G. W. *De Salvia. Resp. B. Weissheit.

Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*

Vires medicæ.—*Haller, Bibl. Bot.*, i, p. 559.

1723. STENTZEL, C. G. *De Salvia in infuso adhibenda, hujusque præ Thea Chinensi præstantia. Resp. M. G. Feyerabend. Wittenbergæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*
 Valde laudat. Thea præfert, cum lacte suadet conjungere. Ad infarctum pulmonalem, menses resides, &c.—*Haller, Bibl. Bot.* ii, p. 179.
1753. SHORT, T. Dissertation upon Tea. A discourse on the virtues of Sage and Water, &c. London, 4to, pp. 96. *Bibl. Banks; Manchester Med. Soc.*
1763. HILL, Sir J. The virtues of Sage in lengthening human life, &c. London, 8vo. German transl., Altenberg, 1779, 8vo. *Bibl. Med. Soc. Lond.*
1777. ETLINGER, A. E. Commentatio botanico-medica de Salvia. Erlangæ, 4to, pp. 63. *Bibl. Acad. Edin.*
1829. TAPIE, J. Essai sur la Sauge en général, et l'emploi médical de son essence éthérée. Bordeaux, 8vo, pp. 16.

SALVIA GLUTINOSA, Linn.

1808. ANELLI, G. Cenni medici sulla Salvia glutiosa, &c. Milano, 4to.

SAMBUCUS EBULUS, Linn.

Dwarf Elder.

1745. JUCH, H. P. *De Ebulo ejusque usu medico. Erfordiæ, 4to, pp. 25.

SAMBUCUS NIGRA, Linn.

Common Elder.

1626. ECKHARDT, E. Sambucus medicinalis (in German). Erfurt, 4to.
1631. BLOCHWITZ, M. Anatomia Sambuci, quæ non solum Sambucum et hujusdem medicamenta singulatim delineat, &c. Lipsiæ, 12mo, pp. 298. Ibid. London, 1650, 12mo, pp. 281. English transl. London, 1655, 12mo, pp. 230. German transl. by Dr. Becker, Königsberg, 8vo, 1650, et Leipzig, 1685, 1692. *Bibl. Coll. Phys. Lond.; Med.-Chir. Soc.; Acad. Edin.* (1650-5).
 De sambuco brevissime, de viribus fusissime, quas ad omnes pene morbos extollit.—*Haller, Bibl. Bot.*, i, p. 447.
1720. WEDEL, G. W. *Diss. de Sambuco. Resp. F. A. Treise. Jenæ, 4to, pp. 40. *Bibl. Banks; Acad. Edin.* (sub nom. Treise).
 Vires potissimum medicæ, etiam fabulosæ, sambuci.—*Haller, op.cit.*, p. 560.
1720. CRUGER, J. Præjudicium curiosum de Sambuco, &c. Zittau, 4to.
1733. TIDEMANN, J. R. *Historia Sambuci vulgaris. Groningæ, 4to, pp. 15.
 Practici argumenti contra editorem historiæ plantarum Boerhaavii.—*Haller, Bibl. Bot.*, ii, p. 269.
1771. BOEHMER, G. R. *De Sambuco, in totum medicinali. Resp. G. C. S. Georgius. Wittenbergæ, 4to, pp. 36. *Bibl. Banks.*

1843. ANDERS, L. N. Die vollständ. Hollunder- und Kamillen Apotheke. Nordhausen, 12mo.

SANGUINARIA CANADENSIS, Linn.

Blood Root, Pucoon, &c.

1803. DOWNEY, W. *An investigation of the properties of Sanguinaria Canadensis, or Pucoon. Philadelphia, 8vo.
 1822. BIRD, F. *On the Sanguinaria Canadensis of Linnæus. New York, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Edin.*
 1828. TULLY, W. An essay, pharmacological and therapeutical, on Sanguinaria Canadensis. New York, 8vo, pp. 92.
 1857. FELL, J. W. Treatise on Cancer and its treatment. London, 8vo, pp. 95.

In this work Dr. Fell sets forth his views on the treatment of cancer by the agency of a compound caustic, of which Sanguinaria Canadensis formed an ingredient, and to which article the author assigns the main influence. Had he assigned the benefit to chloride of zinc, another ingredient, he would have been nearer the mark. See review in *Medical Times and Gaz.*, June 6th, 1857, p. 573.

1860. GIBB, G. D. On the value of Sanguinaria Canadensis as a remedial agent. Reprint from *Glasgow Med. Journ.*, July, 1860, p. 121, *seq.* London, 8vo.
Bibl. Linn. Soc.; Manchester Med. Soc.

A very interesting communication, containing many original observations on this plant.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, Sanguinarin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

SANTALUM ALBUM, Linn.

White Sandal Wood Tree.

1874. DURAND, G. *Étude sur les Santalacées, et sur les propriétés chimiques et thérapeutiques de l'Essence de Santal citrin. Paris, 4to. Ibid. 1875, 8vo, pp. 7.

For an account of white sandal wood and its volatile oil, including remarks on the use of the latter in the treatment of gonorrhœa, see *Pharmacopœia of India*, pp. 197, 461.

SANTONIN.

Active principle of Santonica, Artemisia Contra, q.v.

1838. RAPP, W. VON. Ueber das Santonin. Heilbronn, 8vo, pp. 46.
 1859. MANUS, V. *Das Santonin, eine pharmacologische Monographie. Marburg, 8vo, pp. 59.
 1860. JABLONOWSKI, J. De Santonini, Arbutini, &c., intra organismum humanum rationibus. Dorpati Livon. 8vo, pp. 37.
 1869. KRAUSS, T. Über die Wirkungen des Santonins und Santonin-Natrons. Tübingen, 8vo, pp. 52.

n. d. CASANTI, D. Sulle modificazione che la Santonina subisce nell' organismo animale. Firenze. *Bibl. Manchester Med. Soc.*

SAPO.

Soap as a Medicinal Agent.

1736. BACHOVEN, H. F. *De remediis Saponaceis. Duisburgi, 4to.
Bibl. Roy.
1736. LUDWIG, J. J. De Saponis usu medico. Halæ Magd. 4to.
Bibl. Coll. Surg. Lond.
1745. JURIN, J. On the effects of Soap Lye taken from Stone.
London, 8vo. *Bibl. Med. Soc. Lond.*
1746. SCHULZE, J. H. Diss. de Saponis usu medico. Halæ, 4to.
1756. KUCHELBECKER, G. G. *De Saponibus. Lipsiæ, 4to. (Idem in *Schlegel Thes. Mat. Med.*, vol. ii, art. 15, pp. 43.)
Bibl. Med.-Chir. Soc. (Schlegel); Coll. Phys. Edin.
- Contains a full inquiry into the etymology, nature, characters, and uses of soap and saponaceous remedies in general.
1757. MARKMUELLER, J. Diss. de Sapone Veneto. Vindob, 4to.
1763. BUCHOLTZ, W. H. S. *De Saponibus quibusdam mineralibus Præs. J. F. Faselio. Jenæ, 4to. *Bibl. Roy.*
1767. DALLER, A. *De Saponibus. Basileæ, 4to.
1774. SCHULZE, J. G. F. *De Saponibus. Gottingæ, 4to.
Bibl. Med.-Chir. Soc.
1774. BREY, J. T. Diss. de Saponibus in genere et specie.
Enopontis, 4to.
1774. MACQUER, P. J. Mémoire sur les Savons acides et sur l'avantage qu'on en pourrait retirer dans la pratique de la médecine. (*Mém. de la Soc. Roy. de Méd.*, 1776, p. 369, et 1779, p. 188).
1779. MAJAUULT, M. Soap as an antidote to Nitric Acid. *Vide* "Ammonia," 1779.
1781. KRÜGER, G. F. See "Acids." 1781.
794. HILDEBRAND, A. F. *Diss. sistens internum Saponis usum nocivum. Marburgi, 4to, pp. 46.
1875. GUILLOT, A. L. M. *Du traitement de l'Acné par le Savon noir. Paris, 4to.

SAPONARIA OFFICINALIS, Linn.

Soapwort.

1612. CLAUDINUS, J. C. *Vide* "Smilax Officinalis," 1612.
1756. LUDOLFF, H. *De Saponaria ejusque virtutibus specificis.
Erfordiæ, 4to, pp. 39.

Setting forth its virtues as an antisyphilitic. Haller assigns 1764 as the date of this thesis, but Pritzel agrees with Mérat and De Lens in giving 1756

1760. CARTHEUSER, J. F. *De radice Saponariæ. Resp. E. R. Schlincke.
 Francof. ad Viad. 4to, pp. 24.
Bibl. Banks. ; Radcliffe (sub nom. Schlincke).

SARSAPARILLA. Vide SMILAX OFFICINALIS.

SASSAFRAS LIGNUM.

Sassafras.

1592. WITTICH, J. Vom Ligno Guajaco... Sassafras, &c.
 Lipsiæ, 4to. Id. 1603.
 Compilatio.—*Haller, Bibl. Bot.*, i, p. 372.
1612. CLAUDINUS, J. C. De ingressu ad infirmos... De natura et usu lignorum Guaiaci, Sassafras, &c. Bonon. 4to.
1627. NEANDER, J. Sassafrasologia; hoc est Tecmarsis, nobile Sassafras lignum dextre ac feliciter in omnibus ferme corporis humani incommodis in usum ducendi. Bremæ, 4to, pp. 102.
1846. SAINT-EVRE, E. *Recherches sur l'huile essentielle de Sassafras. Paris, 4to, pp. 18.

SCAMMONIUM.

Scammony.

1537. CHAMPERIUS, J. Diss. de Græcorum et Arabum Scammonio. Loc? 8vo.
1633. CASTELLUS, P. Discorso dell Elettario rosato di Mesue, nel quale si ragiona della Rosa, e della Scammonia. Roma, 4to.
- 1836-7. MARQUART, L. C. Die Scammonium sorten des Handels; monographisch bearbeitet. Lemgo, 8vo, pp. 44.
1860. BASTGEN, C. A. De bilis ad Jalapæ et Scammonii resinas vi et effectū. Dorpati, 8vo, pp. 32.
1861. LAVAL, G. H. Étude sur la Scammonée de Montpellier. Montpellier, 4to, pp. 31.

SCILLA MARITIMA, Linn.

Squill.

1567. DURASTANTES, J. M. Libri duo medici. i. De Aceti Scillini compositione, mirificis ob sanitatem ac vitam diutissime producendam viribus, ac congruo usu. ii. De Aloes, q.v. Venetiis, 8vo. Alt. ed. Giessæ, 12mo, 1614. Italian transl., Meccerata, 8vo, 1574. *Bibl. Coll. Phys. Edin.*
1715. CORVINUS, G. L. *De Scilla. Præs. J. J. Baier. Altdorfi, 4to, pp. 24. *Bibl. Banks.*
- Piscibus funestam fuisse; cum in elibano cum pane cocta fuisset, hydro-picis profuisse.—*Haller, Bibl. Bot.*, ii, p. 81.

1722. ALBERTI, M. *De Squilla. Resp. J. G. Richter. Halæ, 4to, pp. 37. *Bibl. Linn. Soc.; Coll. Phys. Edin. (sub nom. Richter).*
Valde laudat in asthmate et hydrope.—*Haller, Bibl. Med. Pract.*, iv, p. 393 et *Bibl. Bot.*, ii, p. 154.
1737. WAGNER, G. De admirandis quibusdam Scillæ in pulvere exhibitæ virtutibus. Lubec, 4to.
1737. SCHULZE, J. H. Disp. sistens ægrotum Astmaticum usu radicis Scillæ sublevatum. Halæ, 4to. (Ex. in *Haller, Disp. Med. Pract.*, ii, p. 139). *Bibl. Med.-Chir. Soc. (Haller).*
1739. SCHULZE, J. H. *Examen chemicum radicis Scillæ marinæ. Resp. J. G. Meder. Halæ, 4to, pp. 34.
1759. BRICHENDEN, J. *De radice Scillæ. Edin. 8vo. (Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. 24, p. 365.)
Bibl. Med.-Chir. Soc (Schlegel).
Chiefly pharmacological; contains notices, however, of the value of squills in asthma and incipient dropsy.
1785. CASPARI, P. H. *De Scilla. Gottingæ, 4to, pp. 40. *Bibl. Banks.*
1794. ATHANASIUS, E. *Historia physico-medica radicis Squillæ marinæ. Halæ, 4to. *Bibl. Roy.*
1797. BENECKE, C. F. *Observationes de Tincturæ Scillæ salinæ adversus Hydropicos morbos usu maxime commendabili. Præs. C. A. W. Berends. Francof. ad Viad. 4to.
1828. MENNINI-BETTINI, J. *De Scilla maritima. Præs. J. Moretti, Ticini, 8vo, pp. 30.
1856. MARAIS, J. H. *Recherches sur la Scille. Paris, 4to.
1864. SCHROFF, C. D. On the chemical composition of, and on the physiological properties of the Scilla maritima. (In German). (Ex *Zeitschrift der Gesellschaft der Aerzte zu Wien*, No. 42. 1864).
For an abstract of this long and elaborate paper, designated by Flückiger and Hanbury (p. 629) "a valuable monograph," see *Brit. and For. Med.-Chir. Rev.*, July, 1865, p. 248, *seq.*
1871. MOUCHOT, A. *Quelques considérations sur la Scille dans les Hydropisies. Paris, 4to.

SCORZONERA HISPANICA, Linn.

1569. MONARDES, N. De dos medicinas excellentissimas contra todo veneno, la piedra Bezoar y la yerva Escorzonera. Sevilla, 8vo. (Redit. in *Clusii Exoticorum lib.*, Antwerpæ, 1605, fol. ii, p. 43-50).
1610. CHIAVENA (CLAVENA), N. Historia Scorzonerae Italiæ (cum ejus Historia Absynthii Umbelliferi). Venetiis, 4to, pp. 16. *Bibl. Banks.*
1666. FEHR, J. M. Anchora sacra, vel Scorzonera, &c. Jenæ, 12mo, pp. 167, tab. 4. *Bibl. Med.-Chir. Soc.*
1710. WEDEL, G. W. *De Scorzonera. Jenæ, 4to.

SCROPHULARIA NODOSA, Linn.

Knotted Figwort.

1720. SLEVOGT, J. A. *De Scrophularia. Resp. H. C. Ehrlich.
 Jenæ, 4to, pp. 27. *Bibl. Banks.; Linn. Soc.*
 Ad hæmorrhoides varia forma utiliter se exhibuisse.—*Haller, Bibl. Med.*
Pract., iv, p. 91.
1789. OTTO, B. C. De Scrophulariæ usu. Traject. ad Viad. 4to.
1862. SEILER, J. Über die Behandlung der Lungenschwindsucht
 durch die Brusterweiterung, und den Gebrauch der Scrophularia
 nodosa. Basel, 8vo, pp. 227.

SCUTELLARIA GALERICULATA, Linn.

SCUTELLARIA LATERIFLORA, Linn.

1737. EICHRODT, C. F. Diss. medica de Tertianaria herba.
 Basileæ, 4to.
1789. BAEUMLEIN, E. C. F. *Diss. de Scutellaria galericulata, sive
 Tertianaria. Præs. H. F. Delius. Erlangæ, 4to, pp. 22.
1819. SPALDING, LYMAN. A history of the introduction and use of
 Scutellaria lateriflora (Skull-cap) as a remedy for preventing
 and curing Hydrophobia, &c. New York, 8vo, pp. 31, tab. col. 1.
 German transl. Leipzig, 8vo, 1822.
- In this work are related numerous cases apparently worthy of credit, and
 apparently proper for putting to the test the alleged antidotal powers of
 this remedy in hydrophobia. See review in *London Med. Phys. Journal*
 vol. xliii, 1820, p. 230, seq.
1820. CHAUSSIER et MÉRAT, MM. Rapport sur un mémoire de M.
 Lyman Spalding relatif aux vertus anti-hydrophobiques de la
 Scutellaria lateriflora. (Ex. in *Bull. de la Faculté de Méd.*, vii,
 1820, p. 191).

SEDUM ACRE, Linn.

Stone Crop. Wall Pepper.

1784. HARTMANN, P. I. *De Sedo acri Linnæano ejusque virtute
 in Cancro aperto et exulcerato. Resp. J. W. F. Sternemann.
 Francof. ad Viad. 4to, pp. 28.
1804. SCHNIZLEIN, C. F. W. *De Sedo acri.
 Erlangæ, 8vo, pp. 44.

SENEGÆ RADIX.

Senega, Seneka, or Snake Root.

1738. TENNENT, J. *On the Rattle Snake Root. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1742. TENNENT, J. Epistle to Dr. Mead concerning the efficacy of
 the Seneca Snake Root. Edin. 8vo.
- Abstract in *Haller, Bibl. Bot.*, ii, p. 321.

1749. LINNÆUS, C. *Radix Senega. Resp. J. Hiernander.

Holmiæ, 4to, pp. 32, tab. 1. (Id. in *Amœn. Acad.*, ii, p. 112).

Bibl. Linn. Soc.; Banks.

A compilation consisting of nine sections, each considering senega from a different point of view. Those treating of its medicinal properties and therapeutic uses are drawn mainly from the writings of Tennent (*ante*), on whose authority it is recommended in the bite of the rattle-snake, inflammatory fevers, pleuro-pneumonia, &c. The author places it "inter præstantissima medicamenta diuretica."

1749. DETHARDING, G. C. *De Seneca. Resp. C. Siemerling.

Kostockii, 4to, pp. 30.

Bibl. Linn. Soc.; Banks.

1750. BURCKHARD, J. J. *De radice Seneeca.

Argentorati, 4to, pp. 20.

Bibl. Linn. Soc.; Banks.

Short notice (pharmacological) in *Haller, Bibl. Bot.*, ii, p. 399.

1756. KEILHORN, G. S. *De radicibus Senega et Salab.

Francof. ad Viad. 4to, pp. 34.

Bibl. Banks.

1782. HELLMUTH, L. C. *De radice Senega. Erlangæ, 4to, pp. 43.

(Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. 27, p. 423).

Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).

A botanical and chemical history of Senega root, followed by an inquiry into its medicinal properties and uses. In addition to collected remarks on its use in pleuritis, pneumonia, hydrothorax, dropsy, asthma, rheumatism, &c., some original cases are recorded as illustrative of its efficacy in these diseases.

1803. MASSIE, T. *Experimental inquiry into properties of Polygala Senega. Philadelphia, 8vo. Second ed. *ibid.* 1806.

Bibl. Med.-Chir. Soc.

1820. THOSS, C. G. *De radice Senega.

Lipsiæ, 4to, pp. 40.

Bibl. Coll. Surg. Lond.

1831. ANGELSTEIN, C. *De Senegæ radice remedio ophthalmiatrico præstantissimo.

Berolini, 4to, pp. 24.

Bibl. Coll. Surg. Lond.

SENNÆ FOLIA.

Senna.

1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.

1573. MIZAULD *latine* MIZALDUS, A. Opusculum de Sena, planta inter omnes quotquot sunt hominibus beneficentissima et saluberrima. Lutetiæ, 8vo. *Ibid.* 1574, et 1607.

Bibl. Coll. Surg. Lond.

Exiguus libellus et compilatitius. Coluteam a Senna separat.—*Haller, Bibl. Bot.*, i, p. 327.

1733. SENNER, J. C. *Diss. de Senna. Præs. J. J. Baier.

Altdorffii, 4to, pp. 24.

Bibl. Linn. Soc.; Banks.

1774. SOLIVA, S. Diss. sobre el Sen de España.

Madrid, 8vo, pp. 44, tab. 1.

Bibl. Linn. Soc.; Banks.

1808. NECTOUX, H. Voyage dans la haute Egypte, avec des observations sur les diverses espèces de Séné.

Paris, folio, tab. col. 4.

Bibl. Coll. Surg. Lond.

1816. COLLADON, L. T. F. Histoire naturelle et médicale des Casses, et particulièrement de la Casse et des Sénéés employés en médecine. Montpellier, 4to, pp. 140, tab. 20.
Bibl. Med.-Chir. Soc.; Linn. Soc.

The portion of this excellent work devoted to the consideration of Senna extends from p. 34 to p. 61. It bears evidence of much careful research, and the observations on the medical uses of this drug, and its comparative action in relation to other purgatives, contain much that is interesting.

1828. FÉE, A. L. A. Note sur les Sénéés, et notamment sur le Sénéé Moka. Paris, 8vo, pp. 8, tab. 1.
1830. LOISELEUR-DESLONGCHAMPS. On indigenous substitutes for Senna. *Vide* "Ipecacuanha," 1830.
1856. TUNDERMANN, K. Meletemata de Sennæ foliis.

- Dorpati, 8vo, pp. 30.
1857. MARTIUS, C. Versuch einer Monographie der Sennesblätter. Leipzig, 8vo, pp. 159.

According to the elaborate researches of Carl Martius, a knowledge of senna cannot be traced earlier back than the time of the younger Serapion, who flourished in the 9th or 10th century, and it is in fact to the Arabian physicians that the introduction of the drug to Western Europe is due.—*Flückiger and Hanbury, Pharmacographia*, p. 191.

1858. BAUMBACH, N. Quædam de efficaci foliorum Sennæ substantia disquisitiones. Dorpati, 8vo, pp. 24.
1866. БАТКА, J. B. Monographie der Cassien-Gruppe Senna. Prag, 4to, pp. 52, tab. 5.
1871. BOUCHUT et BOURGEOIS, MM. Recherches chimiques et physiologiques sur la nature des principes purgatifs du Sénéé de la Palte. Paris, 8vo, pp. 11.

SERPENS.

The Serpent regarded medicinally.

1861. NEIDHARD, C. Sobre la eficacia del Crotalus horridus en Fiebre Amarilla. Traducida del Ingles al Castellano, por D. Antonio Bergnes de las Casas. Barcelona, 4to, pp. 100.
1862. HASTINGS, J. An inquiry into the medicinal value of the Excreta of Reptiles in Phthisis and some other diseases. London, 8vo, pp. 103.

The following passage (p. 6) will serve to show the character of the work and its author. "Although not wholly unprepared for some useful results, I must confess to a feeling of profound astonishment that these secrets of nature should have remained so long hidden from man, although they were at all times before his eyes, and always within his reach. My earliest trials were made with the excreta of the boa-constrictor, which I employed in the first instance dissolved simply in water. A gallon of water will not dissolve two grains, and yet, strange as the statement may appear, half a teaspoonful of this solution rubbed over the chest of a consumptive patient will give instantaneous relief to his breathing."!!! Should the reader require more therapeutic information of the same character, it may be obtained by consulting the pages of Dr. Hastings' book.

1872. FAYREER, Sir JOSEPH.
- Thanatophidia of India.*

London, folio, pp. 156, tab. col. 31.

A splendidly illustrated work, valuable alike to the naturalist and the medical man in India, and reflecting the highest credit on the zeal, industry, and ability of the author. The portion of the work devoted to the effects and treatment of snake poison, the results of original experiment and observation, is peculiarly worthy of attention.

SERPENTARIÆ RADIX.

Serpentary Root, Virginian Snake Root.

1710. WEDEL, G. W. *
- De Serpentaria Virginiana.*
- Resp. C. L. Goeckelius. Jenæ, 4to, pp. 39.

Bibl. Banks.; Linn. Soc.; Coll. Phys. Edin. (sub nom. Goeckelius.)

Historia ex variis scriptoribus collecta, et vires medicæ.—Haller, *Bibl. Bot.*, i, p. 559.

SIAMBRA CEDRON.

Cedron.

1854. PURPLE, S. S.
- Observations on some of the remedial properties of Siambra Cedron, and on its employment in Intermittent Fevers.*
- (Ex. in
- New York Journ. of Med.*
- , September, 1854).

New York, 8vo.

For a concise account of Dr. Purple's observations on Cedron and his conclusions, which are strongly in favour of its antiperiodic virtue, together with a summary of the observations of Lewy, Rayer, Bertin, Lélut, and others, on its properties and uses, see *Dunlison's New Remedies*, 7th ed., p. 742.

SIBURA.

Native Oil of Laurel.

1830. HANCOCK, J.
- Remarks on the Sibura, or Native Oil of Laurel, its production, uses, &c.*

London, 8vo.

Bibl. Med.-Chir. Soc.

Dr. Hancock's first paper "On the native Oil of Laurel," a product of Spanish Guiana, was read at a meeting of the Medico-botanical Society of London, July 14th, 1826, and was printed in its 'Transactions' (p. 18). The author states that he had found it a valuable remedy in cases of nervous and rheumatic headaches, sprains, and bruises.

SIMARUBÆ CORTEX.

Simaruba, Mountain Damson.

1730. JUSSIEU, A. DE. *
- Ergo inveteratis Alvi fluxibus Simaruba?*

Paris, 4to.

There seems to be considerable confusion respecting the date of the publication. I have followed Haller, and Méral and De Lens, in giving 1730, but Pritzel gives 1772, and others 1758. See also Fumée, 1758, *infra*.

1738. DEGNER, J. H.
- Historia medica de Dysenteria biliosa-contagiosa in qua simul Corticis Simarubæ et radicis Salab effectus exploratur.*
- Traject. ad Rhen. 8vo.

Bibl. Med.-Chir. Soc.

1746. CRELL, J. F. *
- De Cortice Simaruba.*
- Resp. auct. J. S. Leinker. Helmstadii, 4to, pp. 36.

Bibl. Linn. Soc.; Banks.

Nullus in aqua odor, neque oleum ætherium, et saporem esse mere amarificantem, &c. Vis medicata contra Soterium defenditur.—*Haller, Bibl. Bot.*, ii, p. 364.

1749. YSASI Y JASMUNDI, J. DE. De natura et proprietatibus Corticis Simarubæ. Madriti.

1758. FUMÉE, GUILL. *Ergo inveteratis Alvi fluxibus Simaruba? Paris, 4to.

Eadem dissertatio quam anno 1730 A. de Jussieu proposuerat. Nimis magna dosis vomitum movet, non ita semidrachma pulveris, qui tamen unica die et alvi fluxum sedat et dolores. Optimus cortex ad diuturnas diarrhœas.—*Haller, Bibl. Bot.*, ii, p. 476.

1778. WRIGHT, W. A botanical and medical account of Quassia Simaruba, a tree which produces the Cortex Simaruba. (Ex *Trans. Royal Soc. of Edinburgh*, vol. ii, p. 73.) Edin. 4to, pp. 9, tab. 2. *Bibl. Linn. Soc.*

1801. VELLOSO, J. M. Collecção de Memorias sobre a Quassia armarga e Simarruba, com estampas; traduzidas por ordem de S. A. R. o Principe Regente. Lisboa, 8vo.

SINAPIS.

Mustard.

1593. SAXONIA, H. De Phœnigmis libri tres...de Sinapismis, &c., in febribus pestilentibus, &c. Patavii, 4to. *Vide* "Rubefaciens," 1593.

1636. MARTINIUS, V. Opuscula de Vesicantium, Sinapismorum, &c., administratione in asthmate, orthopnœa, pleuritide, &c. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*

1743. BOURDIER DE LA MOULIÈRE, C. An salubre condimentum Sinapi? Paris, 4to. *Bibl. Acad. Edin.*

1780. STORR, G. C. C. *De semine Sinapis. Præs. J. G. Zahn. Tübingæ, 4to, p. 28.

Bibl. Banks. ; Med.-Chir. Soc. (Baldinger, Syllog., vi, p. 284).

1812. AUDOUARD, M. F. M. Nouvelle thérapeutique des Fièvres Intermittentes en trois mémoires. 2. De l'utilité des Sinapismes contre des Fièvres Intermittentes anciennes, particulièrement contre les fièvres quartes qui ont résisté au Quinquina.

Paris, 12mo.

1826. COOKE, C. T. On the efficacy of White Mustard Seed in affections of the liver, internal organs, and nervous system. Second ed. Gloucester, 8vo, pp. 120. French transl. Paris, 8vo, 1830, 1860, &c. German transl. München, 8vo, 1828. Danish transl. by E. L. Thaarup, Copenhagen, 8vo, 1830. Italian transl. Parigi, 8vo, 1829. Swedish transl. Stockholm, 8vo, 1830.

Bibl. Manchester Med. Soc.

1826. COOKE, C. T. On the efficacy of White Mustard Seed, with a particular view to its recommendation as a means of augmenting the beneficial effects of the Cheltenham waters.

Cheltenham, 8vo, pp. 87.

About this period (1826) there was a fashionable mania for mustard seed

as a panacea in dyspepsia, liver complaints, nervous affections, &c. See an interesting article on it in the *Medico-Chirurgical Review*, April, 1827, p. 512, commenting on a pamphlet published on the subject "by a member of the College of Surgeons" (London, 1826, 8vo, pp. 31). Even then, however, the mania was beginning to subside in Great Britain, though it appears to have survived to a comparatively recent date in France.

1829. Annales sur l'efficacité de la Graine Moutarde blanche. Paris, 8vo.
 1830. DIDIER, —. Sur l'emploi de la Moutarde blanche. Paris, 8vo ?
 1831. ROBIQUET, P. et BOUTRON-CHARLARD, —. Nouvelles expériences sur la sémence de Moutarde. Paris, 8vo, pp. 20.
 1865. GOUDAS, A. N. The use of Sinapisms in Cholera. See "Quinine," 1865.

SMILAX ASPERA, Linn.

Rough Bindweed, European Sarsaparilla.

1645. CALEANUS, J. Smilacis asperæ et Sarsaparillæ causa. Panorm. 4to. Ibid. 1654.
 1652. CASTELLUS, P. De Smilace aspera... An Smilax aspera Europæa sit eadem ac Sarsaparilla Americana, et an altera alterius vice in Lue Venerea curanda usurpari possit ? Messanæ, 4to.

Citat varios et ipsum Gonsalvum Fernandez, ut ostendat Smilacem asperam esse veram Sarsaparillam, potissimum etiam ex Luca Ghini auctoritate; meliorem autem esse quæ in Hondurana provincia proveniat. Vorstio neganti respondet aliquam, sed perexiguam esse diversitatem, et posse utique Smilacem in venerea lue adhiberi.—*Haller, Bibl. Bot.*, i, p. 429.

1652. ALDINUS, T. [Under this year and name, Mérat and De Lens place another work on Smilax aspera, but it is the same as the preceding, Tobias Aldinus being a pseudonym adopted by Pietro Castelli in many of his writings.]
 1689. [Anon.]. Riflessioni intorno alla radici delle Sarzaparilla paragonate con la Smilace aspera volgare. Bologna, 4to.
 1774. METZ, —. See "Smilax officinalis," 1774.
 1813. JAEGER, —. *Sur les bons effets du Smilax aspera, Linn, dans le traitement des Maladies Vénériennes. Strasbourg, 4to.
 1858. SERRES, N. Note sur la Salsepareille indigène (Smilax aspera, Linn). Paris, 8vo, pp. 7.

SMILAX CHINA, Linn.

China Root.

1542. VESALIUS, A. De radice Chynæ Epistola. In qua inserta sunt de Sparta-Parilla sub finem nonnulla, &c. Venetiis, 8vo. Basilæ, 8vo, 1543. Basilæ, folio, 1546. (Redit. in '*Luisini Aphrodisiacus*,' vol. i). *Bibl. Med.-Chir. Soc.*

Radicem Chinæ modice laudat, et ei in curandis ægris Guajaci lignum longe superius fuisse testatur. Radicis, qualis tunc innotuerat, historiam tradit, et fatui fere saporis esse recte monet. De Sparta (salsa) parilla, novo tunc medicamento, aliqua adspersit.—*Haller, Bibl. Bot.*, i, p. 297.

1548. CARDAN, H. De Cyna radice. Lugd. Bat. 4to. Ed. Alt. Basileæ, 1559, folio. Antwerpiae, 1564, 8vo, cumque contradi-centibus. Paris, 1565, 8vo. Marpurgi, 1507, 8vo. (Redit. in '*Luisini Aphrodisiacus*,' vol. i, p. 755).

Bibl. Med.-Chir. Soc. (Luisinus); *Coll. Phys. Edin.*

Radicem describit, et utendi modum, sic Sarsam parillam. Valde laudat Chinam, et Piperi etiam et Zingiberi præfert. Sarsam parillam in lue venerea Chinæ præfert.—*Haller, Bibl. Bot.*, i, p. 308.

1548. RYFF, W. H. Kurtzer Auszug und summarischer Bericht von der Wurtzel China. Würzburg, 4to.

1552. AMATUS LUSITANUS. Centuria altera (secunda) quæ methodum et canonem propinandi decoctum radicis Chinarum locupletius describit. Venet. 12mo. Ed. alt.? Paris, 1554, 12mo.

1553. FERRI, A. De Pudendagra, sive Lue Hispanica libri ii. Access. De radice Chinæ et Sarsaparillæ cortice judicium. Tolosæ, 12mo. Paris, 1564, 8vo. Antwerp. 1568, 8vo, et in Luisini Collectione. *Bibl. Med.-Chir. Soc.* (Luisinus).

1554. FERRI, A. De radice Chinæ liber, quo probatur diversam esse ab Apio. Tolosæ, 8vo. Paris, 1565, 8vo.

Apium sua ætate Ligno Sancto substitui, et auri pretio vendi, cum in Gallia sponte nascatur. Valde diversam esse Apii et Chinæ administrationem docet.—*Haller, Bibl. Pract. Med.*, ii, p. 57.

1563. MASSA, N. *Vide* "Smilax officinalis," 1563.

1589. WITTICH, J. *Vide* "Smilax officinalis," 1589.

1612. CLAUDINUS, J. C. *Vide* "Smilax officinalis," 1612.

1642. ARRAES, D. M. Methodo de conhecer e curar o Morbo Gallico ...e se trata do...Raiz de China, &c. Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.

1715. SCHWALBE, C. G. *De China officinarum.

Lugd. Bat. 4to, pp. 21.

Bibl. Banks.

1753. JUCH, H. P. *De radice Chinæ ejusque limitandis laudibus. Resp. J. F. Ermel. Erfordiæ, 4to, pp. 30.

Bibl. Banks.

1782. DUPAU, J. *Vide* "Smilax officinalis," 1782.

1825. FRANZOJA, J. *De analysi Smilacis Chinæ, &c.

Patavii, 8vo, pp. 26.

SMILAX OFFICINALIS. Humb. et Bompl.

Officinal or Jamaica Sarsaparilla.

1548. CARDAN, H. *Vide* "Smilax China," 1548. Lugd. Bat.

1563. MASSA, N. De Morbo Gallico. Tertiæ editioni addita sunt ab auctore de vi et potestate Ligni Indici. De cognitione Sarsæ parigliæ, de radicibus Chinæ, &c. Venetiis, 4to. (Redit. in *Luisinus Aphrodisiacus*, vol. i.

1589. WITTICH, J. Vom ligno Guajaco, China Sarsaparilla, &c. Leipzig, 4to. Ibid. 1592, 1603, 4to.

Compilatio.—*Haller.*

1593. MINETTUS, H. *Quæstio non minus pulchra quam utilis de Sarza-parillæ et Ligni Sancti viribus, &c.* Senis, 4to.
1594. RECTORIUS (*vel* RETTORI), L. *Diss. apologetica de indole et qualitate Guaiaci et Sarsaparillæ.* Bonon. 4to.
This is an answer to the work of H. Minettus (1593), which itself was a response to a treatise by Rectorius, entitled "*Epistola qua ostendit Salsam parillam magnum minus quam lignum Guaiacum validam esse.*"
1612. CLAUDINUS, J. C. *De ingressu ad infirmos...De natura et usu radicum Salsæparillæ, Chinæ, Saponariæ, &c.* Bononiæ, 4to.
1642. ARRAES, D. M. *Methodo de conhecer e curar o morbo Gallico...e se trata do...Salsa-parrilha, &c.* Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.
1757. BROMFIELD, W. *Vide "Solanum,"* 1757.
1774. METZ, —. *Diss. de radicibus quibusdam medicinalibus, Sarsaparillæ succedaneis.* Erlangæ, 4to.
1782. DUPAU, J. *Observations sur l'usage des végétaux exotiques, et particulièrement de la...Squine (Smilax China), de la Salsepareille, &c., dans les Maladies Vénériennes.* Paris, 8vo.
1795. DAVIDSON, W. *Vide "Rosa,"* 1795.
1803. BOEHMER, G. R. **De viribus Sarsaparillæ antisymphiliticis.* Resp. H. Maughan. Wittenbergæ, 4to, pp. 34.
1806. MONTEGGIA, J. B. *Diss. sull' uso della Salsaparaglia.* Milano, 8vo.
1823. CANIELLI, F. **Smilax Sarsaparilla ad Luem Veneream, &c., debellandam parvi facienda.* Patavii, 8vo.
1824. POPE, J. *On the comparative virtues of the different kinds of Sarsaparilla, &c.* London, 8vo, pp. 24.
1824. PAILOTTA, G. *Del principio medicamentoso della Salsapariglia, ossia Pariglina, nuova alcali vegetabili scoperto.* Napoli, 8vo.
1824. FOLCHI, G. *Alcune ricerche chimiche su la radice di Salsapariglia.* Rome.
1825. ROBINET, S. *Observations sur la Salsepareille, en réponse à un article de J. J. Virey.* Paris, 8vo, pp. 4.
1826. TOENSEN, A. C. E. **De analysi et usu antisymphilitico Smilacis Sarsaparillæ.* Kilia, 4to, pp. 18.
1834. BATKA, J. B. *Ueber Sarsaparille.* Leipzig, 8vo. *Bibl. Linn. Soc.*
1834. POGGIALE, —. *Recherches sur le principe actif de la Salsepareille.* Paris, 8vo, pp. 16.
1835. HUNZIKER, R. **De Sarsaparillæ radice.* Turici, 8vo, pp. 21.
1841. VALENTE, G. **An Sarsaparilla antisymphilitica facultate specifica polleat?* Patavii, folio, pp. 22.
1842. SAIBANTI, C. *Diss. de Smilace Sarsaparilla.* Paviæ, 8vo, pp. 24.

1847. SCHLEIDEN, M. J. Beiträge zur Kenntniss der Sassaparille.
Hannover, 8vo, pp. 42, tab. col. 2.
1854. Anon. (*Pseudon. Linnæus Smilax*). A popular analysis of
Sarsaparilla and Sarsaparilla so-called. [A puff?] London, 8vo, pp. 100.
1858. MOUCHON, E. Considérations sur les Salsepareilles en général,
et sur la Salsepareille d'Europe en particulier. Lyon, 8vo, pp. 12.
1870. VANDERCOLME, E. *Histoire botanique et thérapeutique des
Salsepareilles. Paris, 4to.

SODA et SODÆ CARBONAS.

Soda and Carbonate of Soda.

1758. BÜCHNER, A. E. De Soda Hispanica ejusque usu medico,
chemico, œconomico. Halæ, 4to.
1760. IMLIN, P. J. De Soda et inde obtinendo peculiari sale.
Argentorati, 4to, pp. 32. (Idem. in *Wittwer Diss. Med. Argent.*, i,
pp. 129.) *Bibl. Coll. Surg. Lond.; Banks.*
1773. DEJEAN, F. Historia, analysis chemica, origo et usus Sodæ
Hispanicæ, &c. Lugd. Bat. 4to, pp. 42. (Idem. in *Schlegel, Thes.*
Mat. Med., vol. 1, art. 3, p. 83.) *Bibl. Coll. Phys. Edin.; Med.-Chir. Soc.*

Strictly confined to the history, analysis, origin, and economical uses of Spanish soda, under which title is included the product of incineration of various species of Salsola, Salicornia, Mesembrianthemum, &c.

1792. MEIER, C. E. *De varia Sodæ indole et nova eidem medendi
methodo. Erfordiæ, 8vo, pp. 29.
1798. VELLOSO, J. M. *Vide* "Potassa," 1798.
1826. ROBIQUET, P. De l'emploi du Bicarbonate de Soude dans le
traitement médical des Calculs Urinaires. (Ex *Mém. de l'Acad.*
Royale de Méd., 1826.) Paris, 8vo, pp. 8.
1854. CARRIÈRE, E. Du traitement rationnel de la Congestion
[cérébrale] et de l'Apoplexie par les Alcalins, et en particulier par
le Bicarbonate de Soude. Paris, 8vo, pp. 31.
1870. RAYBAUD, F. *Usage interne des composés alcalins de Soude
et de Potasse. Paris, 4to.

SODA CHLORINATA. *Vide* Art. Chlorides, p. 142.

SODÆ SULPHAS.

Sulphate of Soda. Glauber's Salt.

1764. CARTHEUSER, J. F. Diss. de Sale mirabili Glauberano nativo.
Francof. 4to.
1771. TROMMSDORF, G. B. *Program. de Sale mirabili Glauberi.
Erfordii, 4to.

1804. GADOLIN, J. *Diss. de Sulphate Sodæ. Resp. J. G. Askelöf.
Aboæ, 4to. *Bibl. Linn. Soc.*
1853. WAGNER, H. Diss. de effectu Natri Sulphurici.
Dorpati, 8vo, pp. 79.
1864. SEEGEN, J. Physiologisch-chemische Untersuchungen über
den Einfluss d. Glaubersalzes auf einige Factoren d. Stoffwechsels.
Vienna, 8vo, pp. 40.
1872. SILVESTRINI, G. Quattro casi di Malattie dello Stomaco
caratterizzati da vomiti ricorrenti con presenza di Sarcina util-
mente trattati col Solfato di Soda. Padova, 8vo, pp. 28.
This title is correctly copied from Ruprecht's *Bibliotheca Med.-Chir.*, 1872,
but it appears probable that the *sulphite*, and not the *sulphate* of soda, is
the salt indicated by the author.
1875. MÉRY, F. C. *De la Dysenterie des pays chauds, et de son
traitement, spécialement par le Sulfate de Soude. Paris, 4to.

SODÆ BIBORAS et ACIDUM BORACIUM.

Biborate of Soda, Borax, and Boracic Acid.

1720. MELTZER, C. D. De Borace. Regiomonti, 4to.
1741. POTT, J. H. Observationes circa Zincum, Boracem. &c.
Berolini, 4to. *Bibl. Med.-Chir. Soc.*
1745. ALBERTI, M. De Borace. Resp. H. C. Renewald.
Halæ, 4to.
1747. MODELL, D. De Borace nativa, a Persis *Borech* dicta.
Londini, 4to. Alt. ed. Halæ, 1749, 4to. *Bibl. Med.-Chir. Soc.*
1768. WASSER, L. J. T. *Diss. chemico-medica de Sale Sedativo
Hombergii. Göttingæ, 4to. *Bibl. Acad. Edin.*
1769. KAAS, J. *Diss. sistens observationes quasdam de Borace
imprimis de Sale Narcotico. Ultrajecti, 4to. *Bibl. Roy.*
1778. RHOER, M. J. DE. De Boracis et Salis Sedativi origine atque
usu, experimentis illustrata. Groningæ, 4to. *Bibl. Roy.*
1780. HOEFER, H. F. Memoria sopra il Sale Sedativo naturale della
Toscana e del Borace con quello si compone, &c. Firenze, 8vo.
1781. HAARTMANN, —. *Meletemata quædam de Ulceribus, et
Boracis in iisdem usu. Aboæ, 4to.
1784. GRUNER, C. G. *Diss. sistens de virtute Boracis medicinali
dubia, &c. Resp. J. F. Meticke. Jenæ, 4to, pp. 36.
1785. FUCHS, G. F. C. *Vide* "Hydrargyri Phosphas," 1795.
1811. MOJON, G. Memoria sulla natura del Borace brutto o Tinkal,
e sull' etere acetico, &c. Genova, 4to.
1845. MITSCHERLICH, C. G. De Acidi Acetici... Boracici, &c., effectum
in animalibus. Berol. 4to. *Vide* "Acetic Acid," 1845.
1847. BINSWANGER, L. Pharmakolog. Würdigung der Borsäure, des

Borax und der borsäuren Verbindungen in ihrer Einwirkung auf den gesunden und kranken thierischen Organismus. Gekrönte Preisschrift. München, 8vo, pp. 85.

A valuable contribution to the medical literature of this article. A summary of the conclusions arrived at by the author is given by Pereira, *Mat. Med.*, ed. 1854, vol. i, p. 572—3.

1860. LERICHE, —. Du traitement du Croup en général, et particulièrement de l'emploi du Sous-borate de Soude dans cette maladie. Paris, 8vo, pp. 43.

1873. FAVARA ADORNI, —. Applicazioni cliniche del Borace. Milano, 8vo, pp. 6.

SODII CHLORIDUM.

Chloride of Sodium. Common Salt.

1562. SCHEIBERGER, A. De multiplici Salis usu libellus. Cral. 8vo. *Bibl. Roy.*

1579. MIEDIS, B. G. Libri quinque commentariorum de Sale. Ed. secund. Valent. 4to. *Bibl. Roy.*

1590. WIGAND, J. De Succino Borussico...et de Sale. Studio J. Rossini. Jenæ, 12mo., pp. 153. *Bibl. Med.-Chir. Soc.*

1624. UNTZER, M. Physiologia Salis, sive de Salis natura ejusque prima origine, differentiis, proprietate atque usu, &c. Halæ, 4to.

1629. CASTIGLIONE, P. M. De Sale ejusque viribus. Mediolani, 8vo.

1634. UNTZER, M. Tractatus medico-chymici septem; de Sale, &c. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1641. DAVISSON *vel* DAVISON, W. Oblatio Salis, sive Gallia lege Salis condita. Paris, 8vo. *Bibl. Coll. Phys. Edin.*

1663. KOSAK, J. S. Tractatus de Sale. Francof. 4to. *Bibl. Med. Soc. Lond.*

1672. JORDAN, H. Disp. de Sale, Nitro, et Alumine. Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*

1702. BALTHASAR, T. De Sale communi. Altdorffii, 4to. Acidum ad scorbutum cujus fons est putredo, tum ad febres et ipsam pestem, ad hydropem, adversus vermes.—*Haller, Bibl. Med. Pract.*, iv, p. 345.

1714. SNELLEN, P. De Sale commune triumvirato. Amst. 12mo. *Bibl. Med. Soc. Lond.*

1739. POTT, J. H. Observationes chymicæ præcipue circa Sal commune, &c. Berol. 4to. *Bibl. Med.-Chir. Soc.*

1781. BLACKBURNE, W. *De Sale communi. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1807. NIEUWENHUY, C. I. *De usu, imprimis diætetico. Muriatis Sodæ seu Salis Cibarii. Groningæ, 8vo, pp. 51.

1818. CLEVERINGA, R. E. *Observationes de vi septica atque anti-septica Muriatis Sodæ seu Salis Cibarii ejusque diætetico et therapeutico usu. Groningæ, 8vo, pp. 63. *Bibl. Roy.* (1815).

1831. SCHINDLER, L. F. A. *Diss. medica de Natro Muriatico.
Jenæ, 4to, pp. 21.
1831. KAISER, J. On the antiseptic powers of Common Salt.
Vide "Antiseptics," 1851.
1850. HOWARD, R. Salt: its hurtful effects on the body and mind of man and on animals, and its tendency to cause disease, especially Consumption, as taught by the ancient Egyptian philosophers, &c.
London, 8vo, pp. 43.
A singular work, evidently the production of a visionary. See further, next article.
1850. HOWARD, R. Revelations of Egyptian Mysteries...showing the justice of the ancient Egyptian priests and wise men, teaching that Salt was fatally hurtful to human nature, &c.
London, 8vo, pp. 284.
A strange jumble of theology, mythology, geology, physiology, botany, chemistry, philosophy, history, travels, and cosmographics; the apocryphal and canonical books of Sacred Writ. It has no feature more prominent than the wildness and looseness of its deductions, the extravagance of its theories, and the incoherency of its facts and arguments.—*London Med. Gazette*, June 21st, 1850, p. 1085.
1852. LEMAIRE, J. Sur l'emploi du Sel Marin et sur l'action de cet agent sur la rate dans les Fièvres Intermittentes. (*Ex Rev. Médicale*, November 30th, 1851).
Paris, 8vo, pp. 16.
1856. JOZANSI, A. *Du Sel Marin, comme aliment et comme médicament.
Paris, 4to, pp. 40.
1857. LEBOUCHER, —. Notes sur le Sel Commun.
Paris, 8vo, pp. 36.
1857. VINCENT, H. *Du Chlorure de Sodium (Sel Marin), considéré au point de vue médical.
Paris, 4to, pp. 42.
1860. VOIT, C. Untersuchungen über den Einfluss des Kochsalzes, des Kaffees, &c., auf den Stoffwechsel.
München, 8vo, pp. 253, tab. folio i.
The author's observations on the effects of salt given to a dog kept on a uniform meat diet led to the following results:—If the tissues are not already saturated with this substance, a certain quantity of it is retained in the organism; but if they are saturated, a greater quantity than that administered is discharged by the kidneys, which, in the dog, are the only excreting channels. 2. Salt increases the oxydation of the systemic albumen and the excretion of urea. 3. Even if drink be withheld, the urine becomes more abundant.—*Year Book of New Sydenham Society*, 1862, p. 48.
1870. MÉHU, C. De l'emploi de l'Hypochlorite de Soude dans le traitement externe des malades atteints d'Affectiions Saturnines.
Paris, 8vo, pp. 5.
1870. BERGERET, —. Du Chlorure de Sodium. Étude biologique, posologique et hygiénique.
Lyon, 8vo, pp. 37.
1872. LECOQ, E. *Des propriétés physiologiques du Chlorure de Sodium.
Paris, 4to.
1873. CAIRE, P. C. *Étude sur le Chlorure de Sodium.
Paris, 4to.

OTHER SODIUM SALTS.

1861. DUHALDE, HALMAGRAND ET GAUCHERON, MM. De l'administration du CYANO-FERRURE DE SODIUM et de Salicine dans les Fièvres d'Accès, comme succédané du sulfate de quinine.
Paris, 8vo, pp. 128.
1873. PUTEL, A. *Étude sur le SILICATE DE SOUDE et de ses propriétés.
Paris, 4to. Ibid. 8vo, pp. 48.
1875. LABORDE, J. V. Action of CHLORATE OF SODA compared with Chlorate of Potash, &c. *Vide* "Potassæ Chloras," 1875.
1875. LABORDE, J. V. BROMIDE OF SODIUM, its comparative action. *Vide* "Potassæ Chloras," 1875.

SOLANUM DULCAMARA, Linn.

Dulcamara, Bitter-sweet, Woody Nightshade.

1742. SPIESSENHOFF, C. E. L. VON. *Solanum caule inermi flexuoso. &c., vulgo Dulcamara dictum, chemice et medice discussum. Resp. B. Schobinger. Heidelbergæ, 4to, pp. 28. *Bibl. Banks.*
1757. BROMFELD, W. *Vide* "Solanum, Sp. of," 1757.
Bibl. Med.-Chir. Soc.
1757. GATAKER, T. *Vide* "Solanum, Sp. of," 1757.
1771. HALLENBERG, G. *Diss. medica de Dulcamara. Præs. C. Linnæus.
Upsaliæ, 4to, pp. 44.
Bibl. Banks.; Linn. Soc. (sub nom. Linnæus).

The author considers that there are few medicines better fitted than Dulcamara for purifying the system by different evacuations, particularly by diuresis. He himself has used it with success in violent ischiatic and rheumatic pains, and he further recommends it in amenorrhœa, syphilis, &c. For mode of employment, &c., see *Duncan's Med. Commentaries*, vol. iii, p. 15, 1775.

1779. KÜHN, J. T. Diss. de Dulcamara. Breslau, 4to. German transl. Breslau, 8vo, 1785.
Bibl. Roy.
1780. CARRÈRE, J. B. F. Traité des propriétés de la Douce-amère, ou Solanum scandens dans le traitement de plusieurs maladies et surtout des maladies dartreuses. Paris, 8vo, pp. 64. Alt. ed. Paris, 1781, 1789, 1799 (Ann. vii). General transl. by J. C. Starke. Jena, 1786, 8vo.
Bibl. Coll. Surg. Lond. (ed. 1789); Acad. Edin. (1781).
1784. OTTO, J. G. *De usu medico Dulcamaræ. Jenæ, 4to, pp. 31.
Bibl. Roy.
1784. LAGRÉSIE, C. B. DE. Essai sur le traitement des Dartres avec un recueil d'observations qui démontrent l'efficacité de l'Extrait de la Douce-amère dans cette maladie.
Paris, 12mo.
1789. BUCHOZ, P. J. Diss. sur la Douce-amère et ses propriétés.
Paris, 8vo.

1805 (An. xiii). MAZEYRIE, J. J. L. Sur l'emploi de la Douce-amère dans les Maladies Scrofuleuses. Paris, 4to, pp. 12.

1808. WALTERS, P. E. *Vide* "Digitalis," 1808.

1825. GOEBEL, C. F. W. *De Tussi convulsiva et Dulcamaræ in eam efficacia. Berol. 8vo, pp. 28.

Further observations by Goebel, Funk, and Klaproth, on the use of dulcamara in convulsive coughs, will be found in *Hufeland's Journal*, vol. lxi, 1825, Supplement, 130 *et seq.*

1837. WIESEND, O. *De Dulcamara. Monachii, 8vo, pp. 15.

SOLANUM.

Species of, generally.

1757. BROMFIELD, W. Account of the English Nightshades and their effects, with observations on Corrosive Sublimate and Sarsaparilla. London, 12mo, pp. 94, tab. i. French transl. by his son, Paris, 1761, 12mo. *Bibl. Med.-Chir. Soc.*

1757. GATAKER, T. Observations on the internal use of the Solanum or Nightshade. London, 8vo, pp. 34. Reprinted in the author's *Medical Essays*, 1764. *Bibl. Med.-Chir. Soc.*

Although cursory notice is given in this work to dulcamara (*Solanum Dulcamara*, *Linn.*) and deadly nightshade (*Atropa Belladonna*, *Linn.*), the remarks in the main apply to the common or garden nightshade (*Solanum nigrum*, *Linn.*) The author does not claim for it any specific virtues, but considers that it acts chiefly by promoting the secretions, especially those of the skin and kidneys. He details some cases of dropsy, &c., benefited by its use, but it is not always easy to distinguish to which species of solanum his remarks apply.

1813. DUNAL, M. F. Histoire naturelle, médicale et économique des Solanum. Paris et Montpellier, 4to, pp. 248, tab. 26.

A very comprehensive monograph, containing a large amount of information, collected and original, on the properties and uses of various species of solanum, especially *S. tuberosum* (the potato), and *S. Dulcamara*. It concludes with a full botanical description of 235 plants belonging to this family.

1819. DONDORFF, C. F. S. *Utrum in Solano tuberoso, vel in spiritu ex ejus tuberibus parato, Acidum Hydrocyanicum insit necne. Vratislaviæ, 4to, pp. 28.

1826. BLACKETT, P. C. On *Atropa Belladonna* and *Solanum hortense*, &c. *Vide* "*Atropa Belladonna*," 1826.

1827. POUCHET, F. A. *Essai sur l'histoire naturelle et médicale de la famille des Solanées. Paris, 4to, pp. 78. Éd. seconde, Rouen, 1829, 8vo, pp. 187. *Bibl. Linn. Soc.*

1831. COTTEREAU, L. Propriétés et usages thérapeutiques de la pomme de Terre. (Ex. in *Journ. de Chim.-Méd.*, vii, 1831, p. 372).

1834. KOMMA, O. *Toxicologia Solanearum indigenarum. Pragæ, 8vo, pp. 64.

1834. LUISIA, —. *Considérations médicales sur quelques Solanées (*Belladonne*, *Datura*, *Tabacum*). Paris, 4to.

1835. KRAUSS, C. De Spirituosis e tuberibus Solani confectis. Diss. medico-politica. Berol. 8vo, pp. 31.
1840. MILLER, J. R. *On the physiological and therapeutic operation of the Solaneæ. Edin. (London), 8vo.
1846. LUCAS, E. *Diss. medico-toxicologica de Solano tuberoso ejusque principio narcotico. Hirschberg, 8vo, pp. 32.
1861. DELPECH, P. E. *Étude des extraits de racines des Solanées vireuses et de leur emploi en thérapeutique. Paris, 4to, pp. 30.
1864. CAUVET, D. *Des Solanées. Thèse à l'École de Pharmacie. Strasbourg, 4to, pp. 152, tab. 6.
1866. LEMATTRE, G. Recherches expérimentales et cliniques sur les alcaloïdes de la famille des Solanées. Paris, 8vo, pp. 80. (Ex *Archives Gén. de Méd.*, July, 1865).
1874. BALMANYA, A. *Versuche über die Wirkung des Solanins und Solanidins. Göttingen, 8vo, pp. 37.

SOLIDAGO VIRGA AUREA, Linn.

Golden Rod.

1731. LISCHWITZ, J. C. *Diss. medica de ordinandis rectius Virgis aureis, &c. Resp. J. G. Tettelbach. Lipsiæ, 4to, pp. 80.

SPARTIUM (CYTISUS) SCOPARIUM, Linn.

Common Broom.

1783. Anon. A sovereign remedy for the Dropsy. London, 4to, pp. 11. *Bibl. Med.-Chir. Soc.*
In this short paper is set forth the virtues of broom seed as a remedy in dropsy. It is the first separate notice on the subject.
1835. PEARSON, R. Observations on the action of Broom Seed in Dropsical Affections. London, 8vo, pp. 15.
The object of this tract is to urge the claims of the seeds in preference to the leaves and roots of the broom, as the latter are apt to become mouldy or worm-eaten; whereas the seeds, if gathered when perfectly ripe and in dry weather, may be kept in stoppered bottles for an indefinite length of time without having their medicinal properties impaired.—Vide *Brit. and For. Med. Rev.*, April, 1836, p. 533.
1853. DESMARTINS, L. P. Emploi des différentes espèces du Genta en médecine; du Genista tinctoria contre la Rage; de la Scoparine et de la Sparteine. Bordeaux, 8vo, pp. 20.

SPIGELIA ANTHELMIA, Linn.

1758. LINNÆUS, C. *Diss. de Spigelia anthelmia. Resp. J. G. Colliander. Upsaliæ, 4to, pp. 16, tab. i. *Bibl. Banks; Linn. Soc.*

Varia adversus vermes intestinales medicamenta. Deinde Spigelia ista, quæ Arapabaca Pisonis, habetur pro *Indian Pink* Americæ Septentrionalis, et adversus idem malum laudatur. Icon addita.—*Haller, Bibl. Bot.*, ii, p. 254.

SPIGELIA MARILANDICA, Linn.

Indian Pink, Worm Grass.

1802. THOMPSON, H. Experimental dissertation on the Spigelia Marilandica or Indian Pink. Philadelphia, 8vo.

SPIRÆA TRIFOLIATA. See GILLENIA TRIFOLIATA.

SPIRÆA ULMARIA, Linn.

Meadow Sweet.

1717. CAMERARIUS, R. J. *De Ulmaria. Tubingæ, 4to.

SPONGIA.

Sponge.

1734. KRIEGER, A. *De Spongiorum apud veteres usu. Lipsiæ, 4to.
1762. WHITE, C. An account of the topical application of Sponge in the stoppage of Hæmorrhages. London, 8vo.
Bibl. Coll. Phys. Edin. ; Manchester Med. Soc.
- Quinquagies Spongia marina hæmorrhagiam compescuit, bis coactus fuit arteriam læsam ligare. Erant inter exempla amputationes gravissimæ, etiam femoris.—*Haller, Bibl. Bot.*, ii, p. 523.
1797. ZELLER V. ZELLENBERG, S. Prakt. Bemerkgn. über den vorzügl. Nutzen des allgemein. bekannten Badeschwamms und des kalten Wassers bei chirurg. Operationen, Verwundungen und Verblutungen überhaupt. Wien, 8vo.
1820. UHLE, A. F. Commentatio de Spongia marina. Lipsiæ, 4to, pp. 27. *Bibl. Med.-Chir. Soc.*
1872. LECONTE, H. *Traitement des Hémorrhagies artérielles de la paume de la main. Emploi de l'Éponge préparée. Paris, 4to.

SPONGIO-PILINE.

1846. MARKWICK, A. Remarks on the uses and mode of applying a new material to be introduced by the Patent Epithem Company as a substitute for poultices, fomentation cloths, &c. London, 12mo, pp. 2.
1847. MARKWICK, A. On the Skin and Spongio-piline. London, 8vo. *Bibl. Manchester Med. Soc.*

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Tin and its Preparations.

1753. BÜCHNER, A. E. *De circumspecto usu vasorum Stanneorum ad potuum ciborumque, speciatim ex ovis conficiendorum, præparationem necessario, &c. Resp. J. A. C. Hœffler. Halæ, 4to.
1770. SCHINZ, S. Diss. de Stanni et ejus miscelli cum Plumbo in re œconomica usu. Zurich, 4to.

1772. ALBRECHT, S. J. A. **Medicamentorum Saturninorum et Jovialium historia*. Gottingæ, 4to. *Bibl. Med.-Chir. Soc.*
- 1775-1777. HAGEN, C. G. **De Stanno*. Regiomonti, 4to.
1781. BAYEN, P. *Recherches chimiques sur l'Étain faites par ordre du gouvernement*. Paris, 8vo.
1789. ROUSSIE, F. C. **De egregio atque innocuo Stanni in emungendis vermibus primarum viarum, imprimis Tæniæ speciebus, certis sub cautelis usu*. Præs. F. May. Heidelbergæ, 4to, pp. 46.
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1811. BERTOLOTTI, A. N. **De Stanno*. Aug. Taurin. 4to.
1842. ORFILA, M. J. B. *Mémoire sur l'absorption des sels de Plomb ... d'Étain, &c.* Paris, 8vo, pp. 20.
1864. TOSI, ANT. *Del Tannato di Stagno; nuove formule farmaceutiche*. Ferrara, 4to.

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1825. GMELIN, C. G. *Versuche über die Wirkung des Baryts, Strontians, &c., auf den thierischen Organismus*. Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*
- See review in *Edinb. Med. Surg. Journ.*, xxvi, 1826, p. 132. See "Metals," 1825.

STATICE CAROLINIANA.

Marsh Rosemary.

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- An interesting and valuable investigation into the properties of this plant.—*Bigelow, Amer. Med. Bot.*, ii, p. 56.

STRYCHNIA. STRYCHNINUM.

Strychnine.

1818. PELLETIER, J. *Mémoire sur un nouvel alkali, la Strychnine*. Paris, 8vo.
1820. CRAMER, T. **Strychnii vis ac efficacia in corpus animale*. Bonnæ, 4to. *Bibl. Coll. Surg. Lond.*
- A full analysis of this essay, which is apparently both full and interesting, is given in *Quart. Journ. For. and Brit. Med.*, v, 1823, p. 331, *seq.*
1829. LIBORIUS, J. A. *Vide "Strychnos Nux Vomica,"* 1829.
1830. BARDSLEY, J. L. *Hospital Facts and Observations, illustrative of the efficacy of the new remedies—Strychnia, Brucia, Acetate of Morphia, Veratria, Iodine, &c., in several morbid conditions of the system; with a comparative view of the treatment of Chorea and some cases of Diabetes. A Report on the efficacy of Sulphureous Fumigations in Diseases of the Skin, Chronic Rheumatism, &c.* London, 8vo, pp. 223. *Bibl. Med.-Chir. Soc.*

The principal part of the volume is occupied by observations and cases illustrative of the medicinal properties of strychnia in paralysis, chronic diarrhœa, and amenorrhœa, of brucia in paralysis, and of acetate of morphia in some painful affections of the stomach, uterine disease, and neuralgia. The remainder contains experiments and observations on veratria and colchicum, and on the virtue of iodine in bronchocele. Every section of this work contains a great deal of information of a most purely practical nature.—*Edin. Med. Surg. Journal*, xxxiii, 1830, p. 417.

1831. BALFOUR, J. H. *Diss. medica de Strychnia.
Edin. 8vo, pp. 95. *Bibl. Coll. Phys. Edin.*
- 1832 (?). MARR, J. An Essay on the action and curative properties of Strychnia, to which the annual medal of the Harveian Medical Society was awarded in 1832.
Edin. 8vo: pp. 40.
1833. GROEBENSCHÜTZ, A. F. *De Strychnii in Neurosibus vi atque usu. Berolini, 8vo, pp. 40. *Bibl. Coll. Surg. Lond.*
1834. JANKA, L. *De Strychniis. Pragæ, 8vo, pp. 39.
1834. OPPLER, S. *De Strychnini nitrici interne adhibiti usu et efficacia. Berolini, 8vo, pp. 32. *Bibl. Coll. Surg. Lond.*
1835. ARTUS, W. F. W. *Diss. toxicologico-chemica de Strychnino. Jenæ, 8vo, pp. 28.
1835. MART, G. R. On Nervous Diseases, including paralysis, amaurosis, nervous indigestion, tic douloureux, and neuralgia, with remarks on the efficacy of Strychnine in the more obstinate cases.
London, 12mo, pp. 185.
- The author's pathology is vague and indefinite, and his generalisation appears to be of the kind that founds a general conclusion upon a single fact. He is unmindful of the powerful aid derived from the auxiliaries which were employed conjointly with the strychnine, or if cognizant, somewhat ungratefully omits to acknowledge the obligation.—*London Med. Gaz.*, October 10th, 1835, p. 57.
1838. TOLSTOI, M. Graf von. *De Strychnino.
Moscow, 8vo, pp. 48.
1838. MIEHE, A. F. *De Strychnini applicatione endermatica.
Halæ, 8vo, pp. 27.
1842. ROSSI, L. Intorno alla sempre piu manifesta azione e precisa indicazione della Strichnina.
Venezia, 8vo, pp. 20.
1854. DAVASSE, J. Thérapeutique expérimentale. Étude sur les effets et les indications de la Strychnine et de la Noix Vomique dans le traitement du Choléra.
Paris, 8vo, pp. 68.
1854. ABEILLE, J. Du Sulfate de Strychnine dans le traitement du Choléra; preuves de la spécificité de ce médicament. (Ex *Moniteur des Hôpitaux*.)
Paris, 8vo, pp. 36.
1854. PERRIQUET, C. *De la Strychnine et de ses indications en thérapeutique.
Paris, 4to, pp. 33.
1854. FRASER, W. Strychnine in Asiatic Cholera.
Montreal, 8vo, pp. 8.

1855. MAZZUCHELLI, L. Dell' uso della Stricnina nella Paralisia.
Padova, 4to, pp. 40.
856. HARLEY, G. On the direct action of Strychnine upon the
Spinal Cord. London, 12mo. *Bibl. Med.-Chir. Soc.*
1856. HARLEY, G. Notes of three Lectures on the physiological
action of Strychnia. London, 12mo. *Bibl. Med.-Chir. Soc.*
1856. PETIT, E. *De la Noix Vomique et de la Strychnine.
Paris, 4to, pp. 40.
1856. KRAKOW, O. A. Quæ observavi in animalibus Strychnino
interemtis quatenus pertineant ad nervosum cordis apparatus.
Regiomonti, 8vo, pp. 31.
1856. HAUGHTON, S. Physiological Experiments on Strychnine and
Nicotine. Dublin, 8vo. *Vide "Nicotina,"* 1856.
1856. LAURIE, J. A., et COWAN, J. B. Case of Poisoning by Strych-
nine, with experiments on poisoning by that substance. (Ex
Glasgow Med. Journ., July, 1856.) Glasgow, 8vo, pp. 15.
A valuable contribution to the medical jurisprudence of poisoning.—
Dublin Quart. Journ. Med. Soc., August, 1859, p. 8.
1857. ZYBELL, C. J. R. De Strychnino et Acido Quercitannico ejus
antidoto. Berolini, 8vo, pp. 30.
1857. TARDIEU, A. Mémoire sur l'Empoisonnement par la Strych-
nine. Paris, 8vo, pp. 104. *Bibl. Med.-Chir. Soc.*
1857. TAYLOR, A. S. On Poisoning by Strychnine.
London, 8vo, pp. 160. *Bibl. Coll. Phys. Edin.*
This and the preceding work by Tardieu have special reference to the
poisoning of Cook by Palmer.
1858. REID, A. P. *Dissertation on Strychnia. Montreal, 8vo.
1858. PUCZNIEWSKI, L. De Venenis, præsertim Cantharidino,
Strychnino, Atropino post intoxicationem in sanguine reperiendis.
Dorpati, 8vo, pp. 36.
1858. MÜNNICH, J. G. A. Diss. de veneficio per Strychninum.
Berolini, 8vo, pp. 44.
1860. STEINER, L. H. Report on Strychnia.
Philadelphia, U.S., 8vo.
1865. TARDIEU, LORAIN, et ROUSSIN. On Poisoning by Strychnia.
Vide "Arsenic, Toxicology of," 1865.
1866. SPENCE, A. INGRAM, On the mode of action of Strychnia.
Edin. 8vo, pp. 16.
Contains some well-devised and seemingly carefully conducted experiments
with strychnia on frogs. For conclusions see *Brit. and For. Med.-Chir.*
Rev., January, 1868, p. 158.
1866. GALLARD, T. De l'empoisonnement par la Strychnine. (Ex
Ann. d'Hygiène, vol. xxiii et xxiv.) Paris, 8vo, pp. 116.
1867. TYEREL, W. On the use of Strychnine in Epilepsy and
kindred nervous affections. Malvern, 12mo, pp. 22.
Bibl. Med.-Chir. Soc.
- Mostly a reprint from *Medical Times and Gazette*, 1865.

1868. ECHEVERRIA, M. G. On the treatment of Paralysis by hypodermic injections of Strychnine, &c. Reprint from *Proceedings of Connecticut Medical Society*, 1868.
1868. HUNTER, C. On Strychnia hypodermically administered in Paralytic affections. (Ex *Brit and For. Med.-Chir. Rev.*)
London, 8vo.
- 1868-9. FRASER, T. R. and CRUM BROWN, A. Physiological action of the Salts of the Ammonium Bases from Strychnia, &c.
See "Medicines, Properties of," 1868-9.
1870. CORONA, A. Il curaro nell' avvelenamento per Solfato di Stricnina.
Bologna, 8vo, pp. 10.
1871. NAGEL, A. Die Behandlung der Amaurose und Amblyopieen mit Strychnin, &c.
Tübingen, 8vo, pp. 141.
1871. GEMMA, A. M. Dell' uso del Sulfato di Stricnina nei fenomeni nervosi pellagrici ed oligocitemici.
Padova, 8vo, pp. 20.
1871. VANCE, R. A. New Instrument for the injection of Strychnia. See "Hypodermic Method," 1871.
1872. GRAY, J. ST. CLAIR. Strychnia: its source, chemical relations, physiological action (typical and irregular), mode of detection, and methods of treatment in cases of Poisoning.
Glasgow, 12mo?

Although this work contains analyses of recorded cases of poisoning and theories of the action of strychnia, it is chiefly made up of a narrative of what the author's own hands have done, and his own eyes have seen, consequently it is in the main pleasantly readable, and conveys its information with a *vraisemblance* which gives us confidence in its accuracy. It contains, however, many typographical errors, especially in foreign names.—*Glasgow Med. Journ.*, August, 1872, p. 543.

A tolerably complete exposition of some of the most recent views of the properties and action of strychnia, and although perhaps some physiologists might demur to the manner in which certain theories are advanced and deductions wrought out, there can be no doubt that Dr. Gray has written a careful essay, well deserving perusal.—*Lancet*, July 27th, 1872, p. 122.

1873. HIPPEL, A. VON. Über die Wirkung des Strychnins auf das normale und kranke Auge. Berlin, 8vo, pp. 92, tab. lith. 3 in 4to.
1875. BENNETT, J. H. On the Antagonism between Strychnia and Hydrate of Chloral, and Calabar Bean.
See "Medicines, Properties of," 1875.

STRYCHNOS COLUBRINA, Linn.

Lignum Colubrinum.

1749. LINNÆUS, C. *Lignum Colubrinum. Resp. J. A. Darelus. Upsaliæ, 4to, pp. 22. (Idem. in *Amæn. Acad.*, ii, p. 89).

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For some recent and interesting observations on the use of Lignum Colubrinum in intermittent fevers, by Dr. Berdenis van Berkelow, see *Brit. and For. Med.-Chir. Rev.*, April, 1867, p. 52, ex Schmidt's *Jahrbücher*, May 24th, 1866.

1749. CARTHEUSER, J. F. *Diss. de Ligno Nephritico et Colubrino
 Resp. S. B. Wolff. Francof. ad Viad. 4to.
Bibl. Banks; Linn. Soc.; Radcliffe (sub nom. Wolff).

STRYCHNOS IGNATII, Berg.

St. Ignatius' Bean.

1701. VALENTINI, M. B. De fabis St. Ignatii. In ejus "Polychresta Exotica." Francof. ad Mœn. 4to, p. 1—14.
 1793. STEIN, G. A. *De faba St. Ignatii. Erlangæ, 8vo, pp. 32.
 Recommended in epilepsy, in doses of three grains daily.—*Plouquet, Lit. Med. Digest*, ii, p. 34.
 1802. KUINNETH, G. F. *De faba St. Ignatii. Erlangæ, 8vo, pp. 31.
 1809. RAFFENEAU-DELILE, A. *Vide* "Strychnos Nux Vomica," 1809.
 1822-3. HAASE, W. A. Commentatio de faba St. Ignatii. Pars i et ii. Lipsiæ, 4to, pp. 32. *Bibl. Coll. Surg. Lond.*

STRYCHNOS NUX VOMICA, Linn.

Nux Vomica.

1682. LOSSIUS, J. *Disputatio de Nuce Vomica. Resp. A. C. Georgius. Wittenbergæ, 4to, pp. 24. *Bibl. Banks.*
 Experimento reperit, vim venenatam in medulla sedere et in cortice, in isto potius magis, germen non nocere. Canes necare per somnum et convulsiones, aves convelli. In animalibus incisis nihil mutatum reperit, nisi sanguinem fluidiorem.—*Haller, Bibl. Bot.*, i, p. 614.
 1683. WALDSCHMIDT, J. J. De Nuce Vomica. Wittenbergæ, 4to.
 Ipse grana duo absque noxa sumsit.—*Haller, Bibl. Med. Pract.*, iii, p. 155.
 1691. SEUTTER, M. Disputatio botanico-medica de Nuce Vomica Lugd. Bat. (typ. Elzevier), 4to, pp. 24, tab. 2. *Bibl. Coll. Surg. Lond.; Banks.*
 Descriptio et icones, tum experimenta facta in canibus, natæ inde convulsiones, et in sanguine aucta crassities et nigredo.—*Haller, Bibl. Bot.*, i, p. 649.
 1770. EBERHARD, J. B. Diss. de Nucis Vomicae et corticis Hippocastani virtute medica. Resp. P. C. Junghanns. Halæ, 8vo. *Bibl. Roy.*
 1771. WIEL, J. P. Observationes de usu interno Nucis Vomicae et Vitrioli albi in pertinacibus morbis curandis conspicuo. Wittenbergæ, 4to. *Bibl. Acad. Edin.*
 1772. LANGURTH, G. A. Programma de Nucis Vomicae virtute medica non ita fallaci. Wittenbergæ, 4to. *Bibl. Roy.*
 1780. SALM, J. *Nonnulla de Nuce Vomica observata. Præs. J. Sidrén. Upsaliæ, 4to. *Bibl. Coll. Surg. Lond.*
 1784. CAPPEL, A. F. *De Nucis Vomicae viribus et usu. Præs. E. A. Nicolai. Jenæ, 4to, pp. 35. *Bibl. Banks.*

1785. HAJO DE BRUIN. *Diss. sistens spicilegia ad Nucis Vomicae usum medicum pertinentia. Præs. P. J. Hartmann. Traject. ad Viad. 4to, pp. 30. *Bibl. Coll. Surg. Lond.*

1788. RESE, G. H. A. *De Nuce Vomica. Jenæ, 4to, pp. 28. *Bibl. Coll. Surg. Lond.*

Advocated as a remedy in epilepsy.—*Ploucquet.*

1798. WEYL, J. M. *De Nuce Vomica. Lugd. Bat. 8vo, pp. 44.

1798. MORTINSSON, N. *De vi venenata Nucis Vomicae novis experimentis probata. Præs. A. H. Florman. Lundæ, 4to.

1808 (1810?). DESPORTES, E. H. *De la Noix Vomique.

Paris, 4to.

1809. RAFFENEAU-DELILE, A. Diss. sur les effets d'un poison de Java appelé Upas Tieuté, et sur la Noix Vomique, la Fève de St. Ignace, le Strychnos potatorum et la Pomme de Vontac, qui sont du même genre de plantes que l'Upas tieuté.

Paris, 8vo, pp. 48.

A memoir on the articles described in this work was presented to the French Academy of Sciences by MM. Magendie and Delile, entitled *Examen de l'Action de quelques Végétaux sur la Moëlle Epinière*, Paris, 8vo, 1809. It contains a record of many interesting experiments by the authors.

1815. CABART, —. *Sur l'emploi de la Noix Vomique dans la Paralyisie. Paris, 4to.

1818. MERCIER, B. *Sur le traitement de la Paralyisie par la Noix Vomique. Paris, 4to.

1820. MALAS, A. J. *Sur l'Hémiplégie traitée par la graisse du Strychnos Nux Vomica. Montpellier, 4to, pp. 25.

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1822. MAGENDIE, F. Formulaire pour la préparation de la Noix Vomique, .. la Strychnine, &c., Paris, 8vo. Has been through several editions. English transl. by C. T. Haden, London, 12mo, 1823. Appendix to ditto, transl. by Robley Dunglison, 12mo, London, 1824. German transl. by G. Kunze, Leipsic, 8vo, 1822, 1831. *Bibl. Med.-Chir. Soc.*

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1829. LIBORIUS, J. A. *Diss. physiologico-medica de Nuce Vomica et Strychnino. Præs. J. Sönnnerberg. Lond. Gothor. 4to, pp. 32.

1830. BERAUDI, L. Della Noce Vomica. Milano, 8vo, pp. 47.

1830. BAYLE, A. L. J. Sur la Noix Vomique et la Strychnine (Ex. in *Bibliothèque de Thérapeutique*, vol. iii, p. 128—248).

An interesting résumé of all known of nux vomica up to this date.

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Bibl. Coll. Surg. Lond.
1832. FRENTROP, E. *De Nuce Vomica. Berolini, 8vo, pp. 32.
1836. REYFFEERT, M. R. *De Nuce Vomica.
Lugd. Bat. 8vo, pp. 78.
1837. RADZIBOR, C. W. *De Nuce Vomica. Berolini, 8vo, pp. 30.
1840. POLACK, M. *De Nucis Vomicae viribus atque antidotis.
Gottingæ, 4to, pp. 48.
1844. KOHARITSCH, J. N. *De Nuce Vomica. Pestini, 8vo.
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1851. HIRZEL, H. Die Nux vomica und ihre Bestandtheile, &c.
Leipzig, 8vo, pp. 17.
1854. DAVASSE, J. See "Strychnia," 1854.
1855. GALVANI, A. Sopra l'estratto della Noce Vomica.
Venezia, 4to.
1857. BRUNELLI, P. Uso straordinario della Noce Vomica nelle
malattie nervose, acute, lente e croniche, fatti raccolti in Levante.
Venezia, 8vo, pp. 132.
- For some important remarks on the indications and contra-indications for
the use of nux vomica and strychnia, by Professor Bufalini, see *Dublin*
Quart. Journ. Med. Sci., vol. xxi, 1856, p. 492-504.
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1867. DELIOUX DE SAVIGNAC. Des Paralysies qui accompagnent et
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1870. BRUGNOLI, G. Alcune nuove osservazioni sull' uso terapeut-
ico della Noce Vomica in alcune nevrosi della vita organica.
Bologna, 4to, pp. 22.
1875. FERRETTI, G. L'estratto alcoolico di Noce Vomica ad alte
dosi nella cura delle malattie nervose. Forli, 8vo.

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STYRAX.

Storax.

1736. KIRSTEN, J. J. *Exercitatio medica de Styrace. Resp. G. P.
Will. Altdorffii, 4to, pp. 32. *Bibl. Banks.*
- De variis generibus Styrcis liquidæ et siccæ.—*Haller, Bibl. Bot.*, ii,
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1805. DEVILLIERS, C. L. Des avantages de l'onguent de Styrax
dans la Gangrène humide, ou Pourriture de l'Hôpital.
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Marburg, 8vo, pp. 40.

SUCCINUM.

Amber.

1551. AURIFABER, A. *Succini Historia, &c.* Regiomonti, 4to. Alt. ed. 1562, 1572, et Hanov. 8vo, 1619. *Bibl. Coll. Phys. Lond.*
1555. PEUCER, K. *Propositiones de origine et causis Succini.* Wittebergæ, 8vo, tab. 2.
1558. GOEBELIUS, S. *De Succino libri duo.* Francof. 8vo. (Redit in Gesner's *De Rerum Fossilium, &c.*) Tiguri, 1565, 8vo. *Bibl. Linn. Soc.; Banks.*
1587. BAUMGARTEN, J. *Der köstliche Agtstein oder Börnstein.* Magdeburg, 12mo.
1590. WIGAND, J. *Vera historia de Succino Borussico, &c.* Jenæ, 12mo, pp. 153. *Bibl. Med.-Chir. Soc.*
1604. ZOELNER, B. *De Succino.* Lipsiæ, 4to.
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1660. GRUENBERG, F. *Exercitatio physica de Succino.* Regiomonti, 4to.
1663. THILO, I. *Diss. de Succino Borussorum, prima, nomina, descriptionem et materiam ejus exhibens.* Lipsiæ, 4to, pp. 36. *Bibl. Banks.*
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1671. SCHENCKIUS, J. T. **De Succino.* Resp. G. Schultz. Jenæ, 4to, pp. 34. *Bibl. Banks.*
1677. HARTMANN, P. J. *Succini Prussici physica et civilis historia.* Francofurti, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*
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1699. HARTMANN, P. J. *Succinata Succini Prussici historia et demonstratio.* Berolini, 4to, pp. 48. *Bibl. Banks.*
1702. VESTI, J. **Succinum, physice et medice consideratum.* Erfordiæ, 4to, pp. 16. *Bibl. Roy.*
1710. HARTMANN, M. P. *De Succino et ejus usu in medicina.* Lugd. Bat. 4to, pp. 28. *Bibl. Banks.*
1714. SANDEN, H. VON. **De Succino electricorum principe.* Regiomonti, 4to.
1722. SCHROEDER, P. R. **De jure Succini in regno Borussiae.* Resp. J. Æ. Negelein. Regiomonti, 4to, pp. 55. *Bibl. Banks.*
1728. KULM, J. A. **De Succino.* Gedani, 4to.

1734. SCHULZE, J. H. De Succino. Halæ, 4to, pp. 40.
1737. ANCHER, P. De Succino (Danice.) Havniæ, 4to, pp. 16.
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1742. SENDEL, N. Historia Succinorum corpora aliena involven-
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1750. ALBERTI, M. *De Succino. Resp. J. Baumer.
Halæ, 4to, pp. 37. *Bibl. Banks.*
1760. STOKAR DE NEUFORN, J. G. De Succino in genere et speci-
atim in Succino fossili Wilholzensi. Lugd. Bat. 4to, pp. 65.
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1767. BOCK, F. S. Naturgeschichte des preussischen Bernsteins.
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1770. COOKE, J. Natural History of Lac, Amber, and Myrrh.
London, 8vo. *Bibl. Med.-Chir. Soc.*
1783. PLOUCQUET, G. G. De Vernicis Succinatæ vi eximia in san-
andis Ambustionibus. Tubingæ, 4to.
1794. HECKER, J. L. *Diss. de Succino, ejus characteribus, origine
et usu, &c. Præs. F. X. Hoffmann. Heidelbergæ, 4to.
1816. JOHN, J. F. Naturgeschichte des Succins, &c. Cöln, 8vo.
1819. SCHWEIGGER, A. F. Bemerkungen über den Bernstein. (Ex
in *Beobachtungen auf naturhistorischen Reisen.*) Berlin, 4to.
1821. GRAFFENAUER, J. P. Histoire naturelle, chimique et tech-
nique, du Succin ou Ambre jaune.
Strasbourg et Paris, 8vo, pp. 104.
1835. AYCKE, J. C. Fragmente zur Naturgeschichte des Bern-
steins. Danzig, 8vo, pp. 107.
1840. ROY, C. W. VON. Ansichten über Entstehung und Vorkom-
men des Bernsteins, &c. Danzig und Leipzig, 8vo.
1845. GOEPPERT et BERENDT, —. Der Bernstein und die in ihm be-
findlichen Pflanzenreste der Vorwelt. Berlin, folio.
- N.B.—For other works on amber, chiefly relating to its production,
natural history, &c., see *Pritzel's Thesaurus Literaturæ Botanicae*, p. 422,
from which the greater portion of this article is extracted.

SULPHUR et ACIDUM SULPHUROSUM.

Sulphur and Sulphurous Acid.

1620. UNTZER, M. De Sale Sulphure, &c., tractatus medico-chy-
micus. Halæ, 4to. *Bibl. Coll. Phys. Edin. (ed. 1634.)*
1653. PANTHOT, J. Quæstiones quatuor cardinales, 4. Ergo Asth-
maticis tabellæ de Sulfure. Montpellier, 4to.
1659. NEUFFER, J. L. De Sulphure communi. Tubingæ, 4to.
Bibl. Med. Soc. Lond.

1699. FOSSIUS, N. Dissertationes quinque... de Sulphure, Nitro, &c.
Hafniæ, 4to. *Bibl. Coll. Phys. Edin.*
1745. FÜRSTENAU, J. G. Diss. de Sulphure et de medicamentis
sulphureis. Rinteln, 4to.
1746. DETHARDING, G. C. *Diss. de Sulphure ut præstantissimo
bezoardico. Resp. S. P. Hincke. Rostochii, 4to.
1746. LANGRISH, B. Physical Experiments on Brutes... On the
fumes of Sulphur. London, 8vo. *Bibl. Med.-Chir. Soc.*
1757. HARMENS, G. *De Sulphure minerali ejusque usu præcipue
medico. Resp. H. E. Bremer. Londini Goth. 4to, pp. 27.
Bibl. Banks.
1762. BUCHHOLZ, S. H. S. Tractatus de Sulphure minerali.
Jenæ, 4to.
1765. VOGEL, R. A. Dubia contra nocivum linimentorum Sulphure-
orum usum in Scabie. Gottingæ, 4to. *Bibl. Coll. Phys. Edin.*
1768. REISIG, J. B. *De Sulphuris crudi usu interno. Lipsiæ, 4to.
(In *Baldinger, Sylloge*, v, p. 82). *Bibl. Med.-Chir. Soc.*
1774. ELSNER, C. F. Diss. disquisitionem exhibens; an Sulphur
interne adhibitum jure medicamentum habeatur.
Regiomonti, 4to.
1779. MAJAUULT, M. Hepar Sulphuris as an antidote to Arsenic.
Vide "Ammonia," 1779.
1787. RUPDRICHT, A. *Lac Sulphuris, Vitriolique Acidum, ad de-
pellendos febris Scarlatinæ tumores leucophlegmaticos proficuum.
Præs. P. I. Hartmann. Traject. ad Viad. 4to, pp. 23.
1788. WASSERBERG, P. A. Von der chemischen Abhandlung vom
Schwefel. Wien, 8vo.
1798. WÜNSCH, J. F. *De Sulphure ejusque vi medica.
Erlangæ, 8vo, pp. 52.
- 1803 (An. xi). MOULIERAC, —. *Quelques mots sur le Soufre.
Montpellier, 4to.
1814. JADELOT, J. F. N. Notice sur le traitement de la Gale au
moyen des bains Sulfureux (Sulfure de Potasse).
Paris, 8vo, pp. 24.
1815. SCHEERS, P. S. De Sulphuris indole et usu in morbis catar-
thalibus passivis. Lugd. Bat. 4to.
1816. GALÉS, J. C. Mémoires et rapports sur les Fumigations Sul-
fureuses appliquées au traitement des Affections Cutanées, et de
plusieurs autres maladies. Paris, 8vo, pp. 137, éd. 2me, Paris,
1824. English transl. by Rees Price. London, 1817, 8vo.
Bibl. Radcliffe.
1817. BERTHOLLET, C. L. Mémoire sur les Fumigations Sulfureuses.
Paris, 8vo.
1817. CARRO, J. DE. Établissement de Fumigations Sulfureuses.
Vienne, 8vo. *Bibl. Med.-Chir. Soc.*

1818. LATOUR, D. Notice historique sur quelques maladies dont la guérison a été opérée par l'emploi des Fumigations Sulfureuses d'après la méthode de M. le Dr. Galès. Toulouse, 8vo, pp. 48.
1819. CARRO, J. DE. Observations pratiques sur les Fumigations Sulfureuses. Vienne, 8vo, pp. 250. German transl. by J. Wachter. Wien, 8vo, 1819, pp. 218.
1819. HART, T. On the dry Sulphuric Baths. London, 8vo. *Bibl. Radcliffe.*
1819. WILLEMIN, J. A. *Sur les Fumigations Sulfureuses considérées comme moyen thérapeutique. Strasbourg, 8vo, pp. 40.
1819. SANTI, R. Cenni sulle Fumigazii Sulfuree. Messina, 8vo.
1820. WALLACE, W. Observations on Sulphureous Fumigations as a powerful remedy in Rheumatism and Diseases of the Skin. Dublin, 8vo, pp. 92.

In this work the author has attempted to give a succinct history of the invention and progress of sulphureous fumigation and of the investigations to which it has been submitted, principally on the Continent, concluding with some general observations and reflections derived from his own experience in hospital and private practice. Appended is the plan of a fumigating apparatus with directions for using it.—*Med.-Chir. Rev.*, December, 1821, p. 507.

1820. FINSLER, J. *De vaporibus Aquæ et de Fumigationibus Sulphurosis. Berol. 8vo, pp. 36.
1821. CLARKE, Sir A. On Diseases of the Skin, with observations on Sulphureous Fumigations in the cure of Cutaneous Diseases. London, 12mo. *Bibl. Med.-Chir. Soc.*
1822. TREZZOLANI, P. *Vide* "Fumigation, 1822."
1826. GREEN, J. On the advantages derived from the use of Sulphureous Fumigating and other Baths in a variety of obstinate diseases. London, 8vo, pp. 40.
- Partakes of the character of an advertisement, the author being the proprietor of some vapour baths.
1830. BARDSLEY, J. L. Hospital Facts and Observations... With a Report on the efficacy of Sulphureous Fumigations in Diseases of the Skin, Chronic Rheumatism, &c. London, 8vo. *Vide* "Strychnia," 1830. *Bibl. Med.-Chir. Soc.*
1831. GUILBERT, A. M. D. *Du Soufre et de ses usages dans l'art de guérir. Paris, 4to.
1835. KOELKES, F. J. De Sulfure, quatenus in usum pharmaceuticum venit dissertatio. Aquisgrani, 8vo. *Bibl. Coll. Phys. Edin.*
1849. GROVE, J. On Sulphur as a remedy in Epidemic Cholera. London, 8vo, pp. 50. Second ed. 1854. *Bibl. Med.-Chir. Soc.*

The author looks upon cholera as the result of a specific poison, and he believes that sulphur is the specific remedy by which the poison may with certainty be eliminated from the blood. To this end he prescribed, with great alleged success, a mixture of sulphur and carbonate of soda, but as

ether and opium were employed at the same time, the question naturally presents itself how far they contributed to the favorable results.—*London Med. Gazette*, October 26th, 1849, p. 723.

1853. KRAUSE, A. Diss. de Sulfuris transitu in urinam.
Dorpati, 8vo, pp. 40.
1854. VELTMANN, —. Der Schwefel, ein Vernichtungsmittel des Cholera-giftes.
Osnabrück, 8vo.
1866. PUISAYE, C. DE. De l'Inhalation Sulfureuse et de la pulvérisation dans le traitement des Maladies des Voies Respiratoires, &c. (Bronchite, Pharyngite, Laryngite chronique). 3me éd., Paris, 1872. Paris, 8vo, pp. 72.
1866. HIRSCH, M. Über die specifische Ursache der Cholera und ihre erfolgreiche Behandlung mit Schwefelammonium.
Mainz, 8vo, pp. 16.
1866. DEWAR, J. On the application of Sulphurous Acid Gas to the prevention, limitation, and cure of Contagious Diseases.
Edinburgh, 8vo, pp. 45. *Bibl. Med.-Chir. Soc.*

This pamphlet attracted at the time of its issue a great sensation, and rapidly went through several editions. "The statements of fact are of great and increasing interest."—*Lancet*, January 18th, 1868, p. 92.

The author has the highest opinion and hopes of the power of sulphurous acid gas to destroy the "fungi," to which it is the fashion of the day to attribute almost everything from cattle plague and consumption to chilblains and chapped hands! Passing over the author's remarks on the power of this gas in preventing the extension of the cattle plague, he states that it may be inhaled with great advantage by phthisical patients, and that it tends to cure or prevent diphtheria, ringworm, &c. There is a vagueness in Dr. Dewar's mode of writing which takes from its force.—*Lancet*, July 14th, 1866, p. 40.

1867. AGNOLESI, P. Sul valore reale da concedersi al gaz Acido Sulfuroso come disinfettante.
Firenze, 16mo, pp. 14.
1867. BLANC, L. *De l'action du Soufre et des sulfureux dans le traitement de la Syphilis.
Paris, 4to, pp. 47.
1867. PAIRMAN, R. The Great Sulphur Cure brought to the test, &c.
Edin. 8vo, pp. 45.

A remarkable pamphlet were it only from the fact that in less than eight weeks it ran through eight editions—a fact almost unparalleled in the annals of medical literature! Its professed "mission" is to support and develop the statements of Dr. Dewar, of whom the author is an enthusiastic follower.—*Med. Times and Gaz.*, January 18th, 1868, p. 78.

1869. GARRIGOU, F. La Sulfhydrométrie et ses diverses applications.
Paris, 8vo, pp. 43.
1869. POPHAM, J. On the employment by the ancients of the Vapour of Sulphur as a disinfecting and curative agent. (Ex. in *Dublin Quart. Journ. of Med. Sci.*, May, 1869, p. 489).
- An interesting communication evincing much research.
1871. DEWAR, J. Sulphurous Acid in Rheumatism and Rheumatic Gout. *Vide* "Antiseptics," 1871.

1873. PIGLIACELLI, L. Il Solfo e l'Acido Solforoso nel Vajuolo. Lettere al Prof. Polli. Milano.
1874. BARBOSA, A. M. Du traitement de l'Angine Diphthérique par les fleurs de Soufre. Traduction française par E. L. Bertherand. Alger, 4to, pp. 31.

OTHER PREPARATIONS OF SULPHUR.

1830. MOSER, P. Alcohol Sulphuris Lampadii. Monachii, 8vo, pp. 22.
1855. LÉVÉAT, E. Mémoire sur l'emploi du Sirop d'Iodure de Soufre soluble dans les affections scrofuleuses, &c. Paris, 16mo.

ACIDUM SULPHURICUM.

Sulphuric Acid.

1621. CASTELLI (*latiné* CASTELLUS) P. Ricordo dell' elezione, qualita, et virtu dello Spirito et Oglio Acido di Vitriolo. Roma, 4to. *Bibl. Med.-Chir. Soc.*
1703. WELSCH, G. C. L. *De Sulphure Vitrioli anodyno. Lipsiæ, 4to.
1732. HOFMANN, C. *Diss. chymica-medica de Acido Vitrioli vinoso. Resp. C. Friderici. Halæ, 4to. *Bibl. Coll. Phys. Edin.*
1739. LUDOLPH, H. *Acidi Vitrioli præstantia. Erfordiæ, 4to.
1751. VATER, A. De Vitrioli ejusque Sulphuris et tincturæ indole atque præstantia. Wittembergæ, 4to.
1762. HELMICH, A. H. A. *De usu interno Olei Vitrioli diluti in Scabiei speciebus. Præs. B. Buechner. Halæ Magd. 4to. *Bibl. Med.-Chir. Soc. ; Coll. Surg. Lond.*

The practice detailed and advocated in this work is the application of an ointment composed of sulphuric acid and lard for the cure of scabies and other skin diseases, a treatment which had been successfully employed on a large scale in the Prussian army.

1778. CAMPBELL, A. *De Acido Vitriolico. Edin. 8vo. *Bibl. Coll. Phys. Edin. ; Acad. Edin.*
1780. HARTMANN, B. Progr. de Acidi Vitriolici virtute calculum pellente. Francof.
1787. RUPDRICHT, A. *Vide* "Sulphur," 1787.
1790. ANDERSON, A. P. *De compositione Acidi Sulphurici. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1793. WINDORFF, L. J. F. *De Acidi Vitrioli in morborum medela usu et abusu. Erfordiæ, 4to, pp. 15.
1824. HERMANN, E. L. *De Acidi Sulphurici in morbis curandis usu. Lipsiæ, 4to. *Bibl. Coll. Surg. Lond. ; Coll. Phys. Edin.*
1826. KIPP, F. F. C. De veneficio per Acidum Sulphuricum. Berol. 8vo, pp. 32. *Bibl. Coll. Surg. Lond.*

1838. KUHN, G. *De veneficio ex Acido Sulphurico. Berol. 8vo.
 1840. CRAIGIE, D. Account of a case of Suicidal Poisoning by Concentrated Sulphuric Acid. (Ex. in *Edin. Med. Surg. Journ.* liii, p. 406.)

An interesting communication, containing a large number of cases, and forming a complete essay on the subject.

1842. ORFILA, M. J. B. Recherches expérimentales sur l'empoisonnement par les Acides Sulfurique et Azotique. Paris, 8vo, pp. 16.
 1846. CHEVALLIER et BARSE, MM. Monographie de l'empoisonnement par l'Acide Sulfurique. Paris, 8vo.
 1854. LEPETIT, E. Traitement préservatif et curatif de la Diarrhée de la Cholérine et du Choléra sporadique par l'Acide Sulfurique dilué et les bains salés, &c. (Ex *Gaz. des Hôpitaux*). Paris, 8vo, pp. 32.
 1855. LEPETIT, E. Traitement préservatif et curatif du Choléra Asiatique par l'Acide Sulfurique dilué et les bains salés. Paris, 8vo.
 1858. AMELANG, L. Beiträge zur Lehre von der Wirkung der Schwefelsäure. Marburg, 8vo, pp. 64.
 1872. NEYRENEUF, F. V. *De l'action de l'Acide Sulfurique sur la Peau, et de l'application de la Pâte Sulfo-Safranée au traitement de quelques Tumeurs sous-cutanées. Paris, 4to.

SUMBUL RADIX.

Sumbul.

1850. GRANVILLE, A. B. The Sumbul: a new Asiatic remedy of great power against Nervous Disorders, Spasms of the Stomach, Cramp, Hysterical Affections, Paralysis of the Limbs, and Epilepsy: with an account of its physical, chemical, and medicinal characters, and specific property of checking the progress of Collapse-Cholera, as first ascertained in Russia. London, 12mo, pp. 40. Second ed. 1859, 12mo, pp. 51.

Bibl. Coll. Surg. Lond.

With this grand flourish was introduced to the notice of the British public and profession the Sumbul, which after repeated trials has taken its proper place amongst antispasmodic tonics of no marked value.

SWIETENIÆ vel SOYMIDÆ CORTEX.

Rohun Bark.

1793. ROXBURGH, W. A botanical description of a new species of Swietenia, with experiments and observations on the bark thereof, in order to determine and compare its powers with those of Peruvian Bark, for which it is proposed as a substitute. (Ex *Medical Facts*, vi, p. 127-135.) London, 4to, pp. 24.

Bibl. Banks.

For further references on this bark, see *Pharmacopœia of India*, pp. 55, 444, and *Flückiger and Hanbury's Pharmacographia*, p. 137.

1794. DUNCAN, A. *Tentamen de Swietenia Soymida.

Edin. 8vo, pp. 55.

Bibl. Coll. Phys. Edin.; Banks.

Pritzel (p. 76) adds the following note, "In manuscriptis posthumis Candolleanis lego autorem esse F. Meyer, M.D."

SWIETENIA SENEGALENSIS (CAÏCEDRA). Vide KHAYA SENEGAL-
ENSIS.

TABACUM. Tobacco.

NICOTIANA TABACUM. Linn.

1570. MONARDES, N. De Tabaco. (In Spanish.)

Pritzel states that he was unable to find the title of this work. A French translation by J. Gohori was published in Paris in 1572, under the title of "Instruction sur l'herbe Petum ditte en France l'herbe de la Royne ou Medicée et sur la racine Mechiocan." 12mo, pp. 16, tab. i. English transl. London, 1577, 4to. Alt. ed. cum versione Gallica Emilii Macri. Rouen, 8vo, 1588. There are also two Italian translations: Genova, 1578, 8vo, and Venezia, 12mo, *sine ann.* *Bibl. Bodleian* (Eng. transl.).

1583. EVERARTUS, ÆGIDIUS (*Anglice*, Giles Everard). De Herba Panacea quam alii Tabacum alii Petum aut Nicotianam vocant, brevis commentariolus. Quo admirandæ, ac prorsus divinæ Peruanæ stirpis facultates et usus explicantur. Antwerpiae, 12mo. Second ed. *ibid.* 1587. Third ed. Utrecht, 1644, 12mo, pp. 58. English transl. under the title of "Panacea, or the Universal Medicine" (with portrait of author smoking a pipe). London, 1659, 12mo. To the third edition are appended the Miscapnus of King James (1619), the Hymnus Tabaci of Thorius (1622), and the Tabacologia of Neander (1622).

Bibl. Med.-Chir. Soc.; Coll. Surg. Lond. (Ed. 1587); *Radcliffe* (Ed. 1644).

1595. (Anon.) A treatise describing the nature of Tobacco.

8vo. Printed by W. Barley. London, 1595.

1599. BUTTES, HENRY. Dyet's Dry Dinner, consisting of eight several courses: 1, Fruites; 2, Hearbes; 3, Flesh; 4, Fish; 5, Whitemeats; 6, Spice; 7, Sauce; 8, Tobacco. All served in after the order of time universall. London, 8vo.

A curious work.—*Lowndes.*

1602. (Anon.) The Metamorphosis of Tobacco.

London, for John Flasket, 4to.

A poetical tract, A to Fi in fours, 21 leaves. See *Collier's Poetical Decameron*, i, p. 188-92.—*Lowndes.*

1602. J. H. Worke for Chimney Sweepers, or a Warning for Tabacconists, describing the pernicious use of Tobacco.

London, 4to.

1602. (Anon.) A Defence of Tobacco, with a friendly Answer to Worke for Chimney Sweepers.

London, 4to.

1610. GARDINER, ED. Trial of Tobacco, expressing its vertues in physic.

London, 4to.

Bibl. Med. Soc. Lond.; Manchester Med. Soc.

The author asserts (fol. 25) that "the suffumigation of tobacco being taken is a good medicine for the starknesse or stiffnesse of neck called

tetanus, and for any paines or aches of the bodie proceeding of the cause that tetanus doth." This is probably the first notice of the use of tobacco in tetanus. He likewise mentions the benefits derived from smoking in asthmatic and other affections of the lungs.

1611. (Anon.) *Perfuming of Tobacco, and the great abuse committed in it.* London, 4to.

1614. BARCLAY, W. *Nepentes, or the Vertues of Tobacco.* Edinburgh, 8vo, pp. 8. (Reprinted in the Spalding Club "Miscellany.")

The author praises tobacco as "this happie and holie herb," and strongly advocates its use, King James and the Pope to the contrary notwithstanding. —*Allibone.*

- 1614 (circa 1620? *Lowndes*). SYLVESTER, J. Tobacco battered and Pipes shattered about their ears that idly idolize so base and barbarous a Weed, or at leastwise overlove so loathsome a vanitie, by a Volley of Holy Shot thundered from Mount Helicon. London, 12mo, *n. d.* Reprinted with Sylvester's translation of Du Bartas. London, 1641, folio.

Some interesting particulars regarding Sylvester, together with specimens of his "holy shot," are given in *Lond. Med. Phys. Journ.*, xxiv (1810), pp. 354 and 458. "This quibbling doggrell," allowing for poetical exaggeration, shows the extent of the influence this plant had attained at that early period, and how devoted the majority of mankind was to its soothing properties."

1616. DEACON, J. *Tobacco tortured, or the filthie Fume of Tobacco refined.* London, 4to.

1616. MARRANDAN, B. *Del Tobago, los damnos que cause, y del Chocolate.* Sevilla, 8vo. French transl. by R. Moreau. Paris, 1643, 4to.

1616. ZIEGLER, J. *Tabak: von dem gar heilsamen Wundkraute Nicotiana.* Zurich, 4to.

Icon speciei majoris satis bona, tum usus varius, etiam adtracti ex fervente aqua vaporis, in qua Nicotiana et aliæ herbæ infusæ essent. —*Haller, Bibl. Bot.*, i, p. 420.

1617. BRATHWAITE, R. *Solemne Joviall Disputation... The Smoaking Age, or the Man in the Mist, with the Life and Death of Tobacco, &c. Oenozythopolis, at the sign of Teare-Nose.* 8vo.

Prefixed are two curious engraved titles by Marshall, with leaves explanatory. The late Mr. Bindley considered this work as one of the scarcest books in England, and the plates by Marshall are the earliest productions of that engraver. —*Lowndes.*

1619. JACOBUS I. (MAGNE BRITANNIE REX.). *Misocapnus, sive de abusu Tabacci lusius regius.* London, folio. Reprinted with third ed. of Everartus. Utrecht, 1644, p. 199-223. The English version under the title of "Counterblaste of Tobacco," was published in 1672, *q. v.*

1620. CASTRO, J. DE. *Historia de las virtudes y propiedades del Tabaco, &c.* Cordova, 8vo.

Treats of its external and internal use. —*Haller, Bibl. Med. Pract.*, ii, p. 492.

1621. VENNER, T. A Treatise concerning the taking of the Fume of Tobacco. London, 4to. Reprinted in the Appendix to his work, "Via recta ad Vitam longam." London, 1628, and subsequent editions; the earlier editions want the appendix concerning Tobacco. *Bibl. Med.-Chir. Soc.*

According to Venner, the immoderate use of tobacco "drieth the brain, dimneth the sight, vitiateth the smell, hurteth the stomach, destroyeth the concoction, disturbeth the humours and spirits, induceth a trembling of the limbs...scotcheth the heart, and causeth the blood to be adusted, &c... Wherefore the use of it is only tolerable by way of physic, not for pleasure or idle custom. "To conclude, therefore, I wish them that desire to have *mentem sanam in corpore sano* altogether to abandon *insanum præposterumque Tabaci usum.*"—*Via Recta ad Vitam Longam*, ed. 1638, p. 363.

1622. NEANDER, J. Tabacologia, hoc est Tabaci seu Nicotianæ descriptio medico-chirurgico-pharmaceutica et ejus preparatio et usus in omnibus corporis humani incommodis. Lugd. Bat. (typ. Elzevir), 4to, pp. 256, and tab. i. Ed. alt. ibid. 1624-28. An abridged account in the third ed. of Everartus, q. v. French transl. by J. V. Lyon, 1625, 8vo, pp. 342, tab. 8.

Bibl. Med.-Chir. Soc.; Linn. Soc. (French transl.); *Coll. Phys. Edin.; Acad. Edin.*

Infinitam vim medicamentorum recenset, quæ ex Nicotiana ad omnes pene morbos parantur.—*Haller, Bibl. Med. Pract.*, ii, p. 507.

1622. THORIUS, R. Hymnus Tabaci. Lugd. Bat. 4to (probably editio princeps.). Ibid. 1623, 4to. Ibid. 1628, 12mo (typ. Elzevir). Reprinted with the third edition of Everartus, q. v. Ultrajecti, 1644. English transl. by Peter Hausted. London, 1651, 8vo. *Bibl. Med.-Chir. Soc.*

With the classical elegance of style which he cultivated *con amore*, Thorius joined a devotion to wine and tobacco, the virtues of the latter of which he here celebrates in Virgilian numbers. Some curious information regarding him, together with extracts from his "Hymn," will be found in *Lond. Med. Phys. Journ.*, xxiv (1810), p. 453-5.

1626. LESUS, —. Non ergo alicui bono Tabacocapnia per os et nares. Paris.

1628. SCRIVERIUS, P. Saturnalia, seu de usu et abusu Tabaci. Haarlem, 8vo.

1629. BAUMANN, J. N. De Tabaci virtutibus, usu et abusu. Basileæ, 4to.

1633. FRANKE (*latiné* FRANCKENIUS), J. *De præclaris herbæ Nicotianæ sive Tabaci virtutibus. Upsaliæ, 4to. *Bibl. Linn. Soc.*

1634. LEIVA Y AGUILAR, F. DE. Disengaño contra el mal uso del Tabaco. Cordova, 4to.

The evils which this writer lays to the charge of tobacco, whether used as snuff or in smoking, are heavy enough, and include shortening of life, deprivation of intelligence, production of melancholy and madness, injury to the teeth, and of the senses of sight and smell, induction of apoplexy, spitting of blood, diseases of the throat, cutaneous affections, especially of the face, and baldness, and lastly, promotion of immorality! The work is stated by Morejon to have had so great an influence that the Council of

Castile prohibited its circulation, owing to its effect on the revenue. See review of Morejon's *Hist. Bibliografica de la Medicina Española*, 1842-52, in *Brit. and For. Med.-Chir. Rev.*, July, 1861, p. 7.

1636. OSTENDORF, J. *Traité de l'usage du Tabac*. Bordeaux, 8vo.

1642. PALLU, V. *Quæstiones Medicæ...An dentium dolori Tabacum?* Turonid. 8vo.

1644. JUNKER, J. *Diss. de masticatione foliorum Tabaci in Anglia usitata*. Halæ, 4to.

1645 (1655?). FERRANT, L. *Traité du Tabac en sternutatoire*. Bourges, 4to, pp. 30.

1645. CUFFARI *vel* GUFFERI, J. J. *I biasimi del Tabaco, overo l'uso pernicioso desso discorso*. Palermo, 4to.

1648. MAGNENUS, J. C. *Exercitationes xiv de Tabaco; in quibus præter ejus historiam, virtutes et vitia, usus et abusus ostenditur*. Ticini, 4to, pp. 192. Alt. ed. Paviæ, 12mo, 1658. Hagæ Comitum, 1668, 12mo, pp. 264. Amst. 1669, 12mo.

Bibl. Med.-Chir. Soc.; Linn. Soc.; Coll. Phys. Edin. (ed. 1658); *Radcliffe* (ed. 1669).

Vires medicæ Nicotianæ. Præhumidis temperamentis utilem esse. Multa contra Neandrum cujus formulas exagitat. Processus mammillares a tabaci fumo non exsiccare. Ad asthma valere. Pulvis sternutatorius ejusque bonus usus. Masticatio, quæ vi polleat apophlegmatizante. Composita ex tabaco medicamenta. In hydropo decoctum aquam copiose traxisse, ut usum noster interrumpere cogeretur. Arthritidem levare. Multa iterum Neandri censura.—*Haller, Bibl. Med. Pract.*, iii, p. 2.

Magnenus, in his section "Morbi particulares externi quibus Tabacum subvenit," enumerates ulcers, gangrene, hæmorrhoids, hernias, scrofulous and other tumours, poisoned bites and wounds, pediculi, skin diseases, and wounds, as benefited by its use. He speaks also of the value of the oil of tobacco rubbed into the neck and spine in tetanus, and furnishes a curious formula for a tobacco enema.—*London Med. Phys. Journ.*, xxv, 1811, p. 224.

1650. VITALIANI, A. *De abusu Tabaci*. Romæ, 12mo.

1653. TAPPE (*latiné* TAPPIUS), J. *Oratio de Tabaco ejusque hodierno abusu*. Helmstadii, 4to. Ed. alt. 1660, 1673, 1683, 1689.

Bibl. Banks (ed. 1660).

Declamatio de abusu etiam et noxa ejus herbæ.—*Haller, Bibl. Med. Pract.*, ii, p. 646.

1657. BALDUS, J. *Satyra contra abusum Tabaci*. Monachii, 12mo.

1657. R[UMSEY], W. and BLOUNT, Sir H. *Vide "Coffea,"* 1657.

1659. EVERARD, GILES. *Panacea, &c., being a discovery of the wonderful vertues of Tobacco*. *Vide "Everartus, Ægidius,"* 1583.

1665. PAULLI, SIMON. *Commentarius de abusu Tabaci Americanorum, &c., et herbæ Theæ*. Argentorati, 4to. Ed. secund. 1681, Redit in ejus *Quadripartitum Botanicum*. Francof. 1708, p. 691-778. English transl. by Dr. James, London, 1708, 8vo, pp. 171.

Bibl. Linn. Soc. (ed. 1665); *Med. Soc. Lond.* (eds. 1665, 1681,

and English transl.); *Coll. Surg. Lond.* (1675); *Manchester Med. Soc.* (ed. 1680).

1667. FRIDERICI, J. A. *Ταβακολογια sive de Tabaco. Jenæ, 4to.

1668. BAILLARD, E. Discours du Tabac, où il est traité particulièrement du Tabac en poudre. Paris, 8vo, pp. 125. Ibid. 1693, 1700. *Bibl. Banks.*

Laudat hujus pulveris usum et negat in cerebrum venire.—*Haller, Bibl. Bot.*, i, p. 538.

1669. STELLA, B. Il Tabacco, &c. Roma, 8vo, pp. 480.

From a short abstract of contents given by Haller, *Bibl. Bot.*, i, p. 545, this work appears to be very comprehensive, discussing the origin, history, culture, preparation, nature, and virtues of tobacco, whether used for smoking, snuffing, &c., or for medicinal purposes. With regard to the last, Haller observes, "Electuarium Nicotianæ ad varia prodesse. Succum ad scrophulas. Calculum se de urethra expulisse fomento, in quo Tabacum cum aqua et vino coctum erat. Multa contra Magnenum."

1672. JAMES THE FIRST (KING OF ENGLAND). Counterblaste of Tobacco, to which is added a Discourse by Dr. Everard Maynwaring, proving that Tobacco is a procuring cause of Scurvy. London, 4to. Translated from his *Misocapnus*, published first in 1619, q. v.

The sum and substance of this well-known "Counter-blaste" is set forth in the following passage:—"Have you not reason, then, to be ashamed," exclaims the royal author, addressing his subjects, "and to forbear this filthy novelty, so basely grounded, so foolishly received, and so greatly mistaken in the right use thereof? In the abuse thereof sinning against God, harming yourselves both in persons and goods, and taking also thereby the marks and notes of vanity upon you; by custom thereof making yourselves to be wondered at by all foreign civil nations, and by all strangers that come among you, to be scorned and contemned: a custom loathsome to the eye, hateful to the nose, harmful to the brain, dangerous to the lungs, and in the black stinking fume thereof, nearest resembling the horrible Stygian pit that is bottomless!"

1673. BARNSTEIN, H. Miraculum Tabaci. Francof.

1676. [WITHERS, G.] Touchstone or Trial of Tobacco; whether it be good for all constitutions, with a word of advice against immoderate Drinking and Smoaking. To which is added witty poems about Tobacco and Coffee; something about Tobacco written by G. Withers. London? 4to.

1677. DE PRADE, —. Histoire du Tabac, et particulièrement du Tabac en poudre. Paris, 12mo, Ibid. 1716. German transl. loc? 1684 and Schneeberg, 1747, 8vo.

Encomium tabaci et medicæ ejus herbæ compositiones.—*Haller, Bibl. Bot.*, i, p. 598.

1680. (Anon.). Remarques curieuses sur le Tabac, tirées de l'Histoire de M. de Prade. Paris.

Historia tabaci et adversariorum, utilitas varia diversarum partium ejus herbæ.—*Haller, op. cit.*, p. 610.

1682. DORSTENIUS, J. D. *De Tabaco. Resp. C. R. Milchsack. Marburgi, 4to, pp. 18. *Bibl. Banks.*

1686. STISSER, J. A. De Machinis Fumiductoriis curiosis, sive fumum impellendi intra corpus instrumentis, eorumque in praxi medica adhibendi ratione et usu. Hamburgi, 4to, pp. 22, tab. 4.
Bibl. Med.-Chir. Soc.

A curious tract, dedicated to the Royal Society: the plates represent instruments adapted for introducing smoke, specially that of tobacco, into the rectum per anum. Plate 3 represents an apparatus of the author's own device.

1690. CONTUGI, C. *Non ergo nocet cerebrum Tabacum. Paris, 8vo.

1690. BEINTEMA, J. J. W. Tabacologia, &c. Hagæ, 8vo, pp. 175. German transl. Panacea oder das allgemeine Hülfsmittel des Tabaks, &c. Leipzig, 1691, 12mo, and (mit Vorrede von J. F. Rauchmann) Jenæ, 1743, 8vo.
Bibl. Roy.

Beintema commences his work by asserting that smoking is one of the principal means of preserving health and prolonging life. And he concludes the last chapter (the 20th) of his elaborate work by insisting that every man and woman should be encouraged or compelled to smoke in order that they may pass a life of gaiety and unvarying health! The frontispiece, representing men and women smoking, is worthy of Hogarth.—*London Med. Phys. Journ.*, xxv, 1811, p. 134.

1693. HEIDECKE, H. De usu Pethi in Catarrhis. Duisburgi, 4to, pp. 18.
Bibl. Banks.

1695. ALBINUS, B. *De Tabaco. Resp. J. T. Letschius. Francof. ad Viad. 4to, pp. 32.
Bibl. Linn Soc.; Banks.

1699. FAGON, G. C. *An ex Tabaci usu frequenti vitæ summa brevior? Affirmat. Resp. C. Berger. Paris, 4to.

1700. DE FANQY, —. *Ergo Asthmati humido Nicotiana. Paris, 4to.

1702. MANARA, C. De moderando Tabaci usu in Europæis. Madriti, 12mo.

1702. FABRA L. DELLA. Diss. de animi affectionum physica...ac de Tabaci usu. Ferrara, 4to.

1703. APPEL *vel* APPELIUS, J. J. Tabaci bibulus medicinæ tumulus, &c. Colonia, 8vo.

1707. BRIXIANI, G. F. De moderando panacæ Americanæ abusu, seu de Tabaci vitio in Europæis, et maxime in Insubribus corrigendo et emendando. Mediol. 12mo.

1708. NICOLICAHIA, A. Uso ed abuso del Tabaco o sulla utilità e nocumenti del medesimo. Lyon, 12mo. Panor. 1710, 12mo.

1710. HECQUET, P. De Nicotiana. Paris, 8vo.

1716. COHAUSEN, H. Diss. satyrica de Pica Nasi sive Tabaci ster-nutatorii moderno abusu et noxa. Amst. 8vo. German transl. Leipzig, 8vo, 1720.
Bibl. Coll. Phys. Edin.

Considers the passion for taking snuff as a disease of the nostrils.

1713. THEBESIIUS, G. D. Vom Tabak. Halæ, 4to, pp. 56. Ibid. 1751, 4to.
Cultus Nicotianæ, vires medicæ collectitiæ. De fumi tractione ejusque noxa. Negat tamen cerebrum ab eo fumo infici, et aliquam ejus consuetudinis utilitatem admittit. De pulvere sternutatorio ex Tabaco parato.—*Haller, Bibl. Bot.*, ii, p. 115.
1714. BARUFFALDI, G. La Tabaccheide. Ferrara, 4to, pp. 240.
1721. MEISNER, L. F. *Vide* "Coffea," 1721.
1723. LUDOLFF, H. Diss. de Tabaci noxa post pastum. Erfordiæ, 4to, pp. 24.
1726. COHAUSEN, H. Raptus extaticus, seu Satyra nova in medicorum Tabaci sternutatorii abusum. Amst. 8vo.
1727. PLAZ, A. W. Diss. de Tabaco sternutatorio. Lipsiæ, 4to. Second ed. ibid. 1733.
1731. NEOSTADIUS, J. Tobaks planta. Stockholm, 8vo. *Bibl. Linn. Soc.*
1732. STAHL, I. J. De Tabaci effectibus salutaribus et nocivis. Erfordiæ, 4to.
1733. VANDERMONDE, J. F. An a Tabaco naribus assumpto peculiaris quædam cephalalgicæ species aliique affectus? Paris, 4to.
1735. TREYLING, J. J. Diss. de abusu Tabaci. Ingolstadtii, 4to.
1737. LEFEBVRE, J. F. De natura, usu et abusu Theæ, Chocolatæ, et Tabaci. Besançon, 4to.
1738. LOECHSTOER, H. Diss. de Nicotiana vera ejusque præparatione et usu medico. Hafniæ, 4to, pp. 12. *Bibl. Banks.*
1743. ALBERTI, M. *De theologo Tabacum sugente. Halæ, 4to.
1743. KRÜGER, J. G. *Vide* "Coffea," 1743.
1744. GARBENFELD, J. L. VON. *De Tabaci usu et abusu. Argentorati, 8vo. *Bibl. Roy.*
1744. SCHULZE, J. G. *De masticatione foliorum Tabaci in Anglia usitata. Præs. J. Junker. Halæ, 4to.
Ad scorbutum et varia mala eum morem commendat.—*Haller, Bibl. Bot.*, ii, p. 337.
1745. BECK, G. L. De suctione fumi Tabaci. Altorfii, 4to. *Bibl. Radcliffe.*
1746. JAMES, R. *Vide* "Coffea," 1746.
1746. BÜCHNER, A. E. *De genuinis viribus Tabaci ex ejus principiis constitutivis demonstratis. Resp. J. J. Frauenknecht. Halæ, 4to. *Bibl. Linn. Soc.*
This work is favorably noticed by Haller (vol. ii, p. 209), who gives a short abstract of its contents. It appears to be mainly pharmacological.
1749. PAJON DE MONCETS, P. A. *An post cibum fumus Tabaci. Paris, 4to, pp. 4.
1750. HERMENT, J. An post cibum fumus Tabaci. Paris, 4to.

1750. LANGGUTH, G. A. De immoderato Tabaci abusu. Wittebergæ, 4to, pp. 22.
1750. REICHEL, C. K. *De Tabaco, ejusque usu medico. Wittebergæ, 4to, pp. 34. *Bibl. Banks.*
Cultum plantæ describit. De herbæ utilitate et noxa, etiam infusi, decocti, emplastri.—*Haller, Bibl. Bot.*, ii, p. 399.
1750. BOEHMER, P. A. *De immoderato Tabaci usu. Halæ, 4to.
1750. SHORT, T. Discourse on Tea, Sugar...and Tobacco. London, 8vo. *Bibl. Coll. Phys. Edin.*
1751. BARJOLLE, J. B. *An Tabacum lentum sit homini venenum? Paris, 4to.
1756. JENICHEN, G. A. *De Tabaco. Giessæ, 4to, pp. 19.
1756. PETITMAITRE, S. *De usu et abusu Nicotianæ. Basileæ, 4to, pp. 18. *Bibl. Banks.*
1757. SCHAEFFER, J. G. Der Gebrauch und Nutzen des Tabakrauch clysters nebst einer dazu bequemen Maschine. Regensburg, 4to. Second ed. 1766. *Bibl. Coll. Phys. Edin.*
1758. FERRIN, A. *An ex Tabaci usu frequenti vitæ summa brevior? Paris, 8vo.
1761. TRILLER, D. W. De Tabaci pharmaci abusu seu atrocis affectus ventriculi aliorumque morborum causa. Wittebergæ, 4to.
1761. HILL, Sir J. Cautions against the immoderate use of Snuff; founded on the well-known qualities of the Tobacco plant, and the effect it must produce when taken this way into the body: and enforced by instances of persons who have perished miserably of disease occasioned, or rendered incurable, by its use. London, 8vo. *Bibl. Med. Soc. Lond.*
1775. MEZA, J. Z. DE. Tentamen medicum de Nicotianæ usu noxio et salutari. Hafniæ, 8vo.
1777. CUNTIRA, T. J. De viribus medicis Nicotianæ, ejusque usu et abusu. Vindob. 8vo. *Bibl. Roy.*
1780. BRUNET, J. Le bon usage du Tabac en poudre. Paris, 12mo.
1780. HAMILTON, R. *De Nicotianæ viribus in medicina et ejus malis effectibus in usu communi. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1781. FELLER, C. G. *De Enematibus quædam, atque nova Tabaci fumum applicandi methodus. Præs. C. Pohl. Lipsiæ, 4to. *Bibl. Roy.*
1785. FOWLER, T. Medical Reports on the effects of Tobacco, principally with regard to its diuretic quality in cases of Dropsies and Dysenteries, with some observations on the use of glysters of Tobacco in the treatment of Colic. London, 8vo. Alt. ed. 1788. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (ed. 1788).
- Dr. Fowler mentions thirty-one cases of dropsy, eighteen of dysuria, and

several of colic, treated by infusion of tobacco, with, in the majority of cases, considerable success. From extensive observations he concludes that tobacco is very generally diuretic, thus proving an efficacious remedy in dropsy, that it is anodyne and frequently laxative, and thus proves useful in many painful cases where costiveness may render opiates objectionable, that it is of great service in cases of dysuria by relieving pain and promoting diuresis, and that it is a most powerful remedy, in the form of enema, in obstinate cases of colic (*Duncan's Med. Commentaries*, x, 1786, p. 131). The dangers attending its use were not appreciated by Dr. Fowler; it is these, and the uncertainty attending its operation, which have caused it to fall into disrepute.

1785. PORTAL, A. Observations sur l'usage des fumigations par le fondement dans le traitement des Noyés. Paris.
1787. BUCHOZ, P. J. Diss. sur le Tabac et sur ses bons et mauvais effets. Paris et Leige, 8vo, pp. 47.
1789. (*A Gentleman of the University of Cambridge*). A These on the herb Tobacco, pointing out its pernicious and deleterious quality and its fatal effects upon the constitution by the great variety of disorders it occasions. London, 8vo.
1791. LAVEDAN, A. Tratado de los usos y abusos, propiedades y virtudes del Tobacco, Cafe, Te, y Chocolate. Madrid, 8vo. Ibid. 1796.
1793. BECU, F. G. Mémoire sur la décoction de Tabac employée au traitement de la Gale, ou méthode de guérir cette maladie sans onguent. Imprimé aux frais du Gouvernement. Paris, 12mo, pp. 21.
1797. TITIUS, S. C. Programma de Clysterum Tabacinarum in Asphysticis usu. Wittebergæ, 4to.
1797. CLARKE, ADAM, LL.D. On the use and abuse of Tobacco. London, 8vo. Reprinted in America. Second ed. Newburyport, U.S. 12mo.
- 1799-1804. WILSON, A. PHILIP. A treatise on Febrile Diseases, &c., and on the manner in which Opium and Tobacco act on the living animal body. Winchester, 4 vols. 8vo.
1799. TAYLOR, E. Medical remarks on Tea, Coffee, Tobacco, and Snuff, &c. Huddersfield, 8vo.
1800. TATHAM, W. Essay on Tobacco. London, 8vo. *Bibl. Med. Soc. Lond.*
1800. BUCHOZ, P. J. Manuel Tabacal. *Vide* "Sternutatories."
1804. MEYER, J. K. *De fumi Nicotianæ suctu. Præs. C. G. Eschenbach. Lipsiæ, 4to, pp. 35. German transl. Pirna, 1804, 8vo, pp. 87.
1805. WATERHOUSE, B. Cautions to young persons concerning their health...showing the evil tendency of the use of Tobacco upon young persons, more especially the pernicious effects of smoaking cigarras, &c. Cambridge, U.S. 8vo, pp. 32. Ibid. 1808. German transl. Wien, 1817, 8vo.
1811. GUST, —. *Diss. de usu et abusu Tabaci. Strasbourg, 4to.

1812. HARLESS, C. F. Die Tabaks und Essigfabrikation, zwei wichtige Gegenstände der Sanitätspolizei. Nürnberg, 4to.
1813. CEFALENO, A. M. Diss. sull' azione e sull' uso del Tabacco. Padova, 8vo. *Bibl. Coll. Surg. Lond.*
1815. ARVERS, L. A. *Essai sur le Tabac. Paris, 4to, pp. 32.
1817. BRAUN, C. A. *De Nicotiana. Pestini, 8vo, pp. 32.
1818. LEHMANN, J. G. C. Generis Nicotianarum historia. Pars botanica. Hamburgi, 4to, pp. 52, tab. 4.
1819. AGARDH, C. A. Conspectus specierum Nicotianæ. Lundæ, 12mo. German transl. Copenhagen, 1820, 8vo, pp. 23.
1820. FUMEX, —. *Propriétés et usage du Tabac. Paris, 4to.
1820. GORY, C. A. *Essai sur le Tabac; considéré comme cause de maladies et principalement comme moyen thérapeutique. Paris, 4to, pp. 26.
1822. BROTERO, F. DO AVELAR. Historia da Nicociana. Lisboa, 4to.
1824. BANNING, F. *De Herba Nicotianæ. Berolini, 8vo, pp. 30.
1827. DESGENETTES, R. Sur l'influence de la manutention des Tabacs sur la santé. Paris, 8vo. *Bibl. Coll. Surg. Lond.*
1828. BONAJUTI, C. C. *De noxis ex abusu Nicotianæ. Paduæ, 8vo.
1828. POINTE, J. P. Observations sur les maladies auxquelles sont sujets les ouvriers employés dans la Manufacture Royale de Tabacs à Lyon. Lyon, 8vo, pp. 42.
Mérat and de Lens assign 1818 as the date of this work, but 1828, as given by Callisen (xv, p. 138), has been adopted as being probably more correct.
1828. HENTZFELD, H. *De Nicotiana. Berolini, 8vo, pp. 29. *Bibl. Coll. Surg.*
1829. PARENT-DU-CHATELET et DARCET, MM. Mémoire sur les véritables influences que le Tabac peut avoir sur la santé des ouvriers occupés aux différentes préparations qu'on lui fait subir. (Ex *Annales d'Hygiène Publique*, 1829, vol. ii, p. 169.) Paris.
- The conclusions arrived at in this important memoir, based on extensive observations instituted in ten large Government manufactories, tend to disprove the statements of Mérat and others as to the injury inflicted on the nervous and general system of those exposed to tobacco exhalations. For a summary of these observations, see *Amer. Journ. Med. Sci.*, xxiii, 1839, p. 146-149.
1832. DRUIDING, J. H. F. *De Nicotianæ fumi cerebro sugendi detrimento. Gottingæ, 8vo. *Bibl. Coll. Phys. Edin.*
1834. LUISIA, —. *Vide* "Solanum, Sp.," 1834.
1836. ANTZ, C. C. *Tabaci Historia. Berolini, 8vo, pp. 58.
1837. VERHAGEN, P. J. *De Herba Nicotianæ, ejusque usu et abusu, tum in medicina, tum in vita communi. Lugd. Bat. 8vo, pp. 62.

1838. CONRADI, H. *De Nicotiana Tabaco. Gottingæ, 8vo, pp. 53.
1838. DRAEGER, K. B. *De vi et usu Nicotianæ Tabaci.
Halæ, 8vo, pp. 32.
1838. JELENEFFY, H. *De Nicotiana. Pestini, 8vo, pp. 52.
1840. SZERLECKI, V. A. Monographie über den Tabak, dessen Einwirkung auf den menschl. Organismus und Heilkräfte in verschiedenen krankhaften Zuständen. Eine in Paris mit einer goldenen Medaille gekr. Preisschrift. Stuttgart, 8vo, pp. 128.
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1840. RIEMSCHEIDER, F. E. *De herba Nicotiana, imprimis Tabaco ejusque utilitate in arte medica collectanea quædam et observata.
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1840. CLELAND, H. W. On the history and properties, chemical and medical, of Tobacco.
Glasgow, 4to, pp. 68.
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- Entertaining and instructive.—*Med. Chir. Rev.*, October, 1840, p. 332-344
1841. ERHARDT, H. Der Tabak, &c. Heidelberg, 8vo, pp. 67.
1842. MUELLER, J. Der Tabak in geschichtlicher, botanischer, chemischer, medicinischer und diätetischer Hinsicht.
Emmerich, 8vo, pp. 151.
1843. CATTANEO, A. *Del Tobacco. Milano, 4to, pp. 52.
1843. ZUCKERHANDEL, M. *De fumatione Herbæ Nicotianæ.
Pest, 8vo.
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1844. BAILEY, N. V. Tobacco as a Medicine and a Poison.
Charleston, U.S., 8vo.
1846. LABRIEU, E. De la question du Tabac.
2me éd., Paris, 8vo.
1853. REICHENBACH, A. B. Der Tabak, &c. Leipzig, 8vo, pp. 32.
1854. LIZARS, J. Practical observations on the use and abuse of Tobacco.
Edin. 8vo, pp. 15. Ninth ed. 1868.
Bibl. Med.-Chir. Soc.
- A strongly worded condemnation of tobacco in all its forms.
1854. VLAANDEREN, C. L. Over den Tabak, &c. Utrecht, 8vo.
1854. SERVIN, C. X. *Du Tabac. Paris, 4to, pp. 30.
1855. TOGNOLA, A. Riflessioni intorno all' uso igienico del Tabacco.
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1856. SORELA, D. P. R. Des estanco del Tabaco y de la Sal, &c.
Madrid, 4to, pp. 24.
1857. FERMOND, C. Monographie du Tabac, comprenant l'histoire, les propriétés thérapeutiques, physiologiques, et toxicologiques du Tabac, &c.
Paris, 8vo, pp. 352.
1857. JARNATOWSKI, T. Diss. Med. de Nicotiana ejusque abusu.
Berolini, 8vo, pp. 37.

1857. MILTON, J. L. Death in the Pipe, or the Great Smoking Question. London, 8vo.

The author has treated the subject logically and fairly, and has discoursed on it even eloquently. His pamphlet is written chiefly in refutation of the assertions of certain popular anti-tobacconists.—*Brit. and For. Med.-Chir. Review*, Jan., 1861.

1859. MORAND, J. S. Essai sur l'hygiène du Tabac, principalement au point de vue de l'hygiène militaire. Epinal, 8vo, pp. 59.

1859. FAIRHOLT, F. W. Tobacco, its history and associations, including an account of the plant and its manufacture, with its modes of use in all ages and countries.

London, 8vo (with 100 illustrations).

This work is full in its details respecting all things concerning the plant excepting that which it is most important and most difficult to estimate, viz. its effects; it is especially rich in anecdote and literature of the subject, both in verse and prose.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1861, p. 119.

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Berolini, 8vo, pp. 32.

1861. BARCLAY, J. Ale, Wines, Spirits, and Tobacco. A Lecture delivered before the Leicester Literary and Philosophical Society, Jan. 7th, 1861. London.

This lecture does not profess to contain original scientific views, but what is more to the purpose with which it was delivered, it explains and reduces to the comprehension of the audience some of the most scientific and most recent discoveries connected with the physiology of the subject. It is, moreover, perfectly and easily intelligible, amusingly written, and bears the character of honest common sense.—*Brit. and For. Med.-Chir. Rev.*, July, 1861, p. 180.

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1865. JOLLY, —. Études médicales sur le Tabac. (Ex. *l'Union Méd.* 1865.) Paris, 8vo, pp. 24.

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In spite of all that Dr. Richardson says against the use of tobacco, he sums up by calling it "one of the least hurtful of luxuries."—*Med. Times and Gaz.*, May 13th, 1865, p. 509.

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1866. HENRIECK, G. A. Du Tabac, son histoire, ses propriétés médicales et toxiques, &c. Paris, 8vo, pp. 155.

1866. YGONIN, J. B. Observations sur les maladies des ouvriers employés dans la Manufacture Impériale de Tabacs de la ville de Lyon. Lyon, 8vo, pp. 37.

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1867. LUNDHAL, B. Tabak ist Gift! Physischer und psychischer Einfluss des Tabaks auf den menschl. Organismus. Berlin, 8vo, pp. 79.
1867. DRUHEN, —. Du Tabac, son influence sur la santé et sur les facultés intellectuelles et morales. Besançon, 18mo, pp. 186.
1868. VELUT, P. J. *De l'Amblyopie par l'Alcool et le Tabac. Paris, 4to.
1868. GIBBONS, H. Tobacco and its effects. A Prize Essay. New York, 18mo, pp. 48. Ibid. London, 1871, 8vo. German transl. Berlin, 1875, 8vo.
1868. GRISCOM, J. H. The use of Tobacco, and the evils resulting from it. New York, 24mo, pp. 40.
1869. TAMISIER, —. Note statistique au sujet de l'influence étiologique du Tabac dans les maladies des centres nerveux. Poligny, 8vo, p. 11.
1869. LEPERVANCHE, C. M. DE. *Du Tabac, et principalement du Tabac à fumer. Paris, 4to.
1869. RAMNICEANU, G. *Quelques considérations sur le Tabac et sur son emploi en thérapeutique. Paris, 4to.
1869. PRESCOTT, H. P. Strong Drink and Tobacco Smoke. London, 8vo.

A scientific work, treating not so much of the physiological effects of tobacco as its physical characters, signs of purity, &c. In chap. vii, which treats of "Tobacco and some other Leaves," the ordinary and microscopic characters of the tobacco leaf, and of such leaves as are constantly used in its adulteration, as those of burdock, dock, chicory, comfrey, and Jerusalem artichoke, are clearly described and beautifully illustrated, the ten plates with which the volume terminates being by no means the least valuable portion of it. On the whole, the work contains much valuable matter put together in a very pleasant, readable form.—*Medical Times and Gaz.*, Sept. 17th, 1870, p. 349.

1870. BLATIN, A. Recherches physiologiques et cliniques sur la Nicotine et le Tabac. Paris, 8vo.

From beginning to end this work is nothing more nor less than a protest against the use of tobacco in any form. A short analysis of it is given in *Medical Times and Gaz.*, Sept., 1870, p. 349.

1870. NICOLLE, E. Le Tabac, le Haschisch et les fumeurs d'Opium. Conférence. Rouen, 8vo, pp. 39.
1870. MURRAY, J. C. Snuff-taking: its utility in preventing Bronchitis, Consumption, &c. London, 8vo, pp. 60.

This clever little *jeu d'esprit*, for it is nothing more, is an extension of a paper read by the author before the British Medical Association at Newcastle-upon-Tyne in August, 1869.—*Edin. Med. Journ.*, Nov., 1870, p. 449.

1870. MERCIER, A. A. *Du Tabac et particulièrement de l'empoisonnement aigu par le Tabac. Paris, 4to.

1870. BREWER, H. Revelations about Tobacco: a Prize Essay on the History of Tobacco and its physical action. London, 8vo.
Bibl. Med.-Chir. Soc.
1871. MURRAY, J. C. Smoking: when injurious, when innocuous, when beneficial; with a compendium of temperaments, showing how they are influenced by Tobacco.
Newcastle-on-Tyne, 12mo, pp. 72.
1871. DERBY, R. H. Colour-blindness: and its acquisition through the abuse of Alcohol and Tobacco. New York. Pamphlet.
1871. FUSINA, V. Sopra gli abusi di fumare Tabacco nella età giovanile e di alcuni danni che ne provengono.
Genova, 8vo, pp. 12.
1871. TONINI, C. Il Tabacco: dissertazione. Verona, 8vo, pp. 196.
1873. WEIDEL, H. Zur Kenntniss des Nicotins.
Vienna, 8vo, pp. 21.
1873. PONTI, F., and RAVA, G. On Tobacco Amaurosis and its cure by Sulphate of Quinine. *Vide* "Quinine," 1873.
1874. PARENT, H. *Du Tabac. Paris, 4to.
See also Art. "Nicotia."

TABASHEER.

Silicious Concretion found in the stems of the Bamboo.

1790. RUSSELL, P. Account of Tabasheer. (Ex. in *Philosophical Transactions*, 1790.) 4to.
Bibl. Linn. Soc.
1791. LUEDGERS, M. St. J. *De medicamento nov-antiquo Tabaschir dicto.
Gottingæ, 8vo, pp. 46.
Bibl. Med. Soc. Lond.; Acad. Edin.

ACIDUM TANNICUM.

Tannic Acid. Tannin.

1835. HENRY, F. O. De l'action du Tannin sur les bases salifiables organiques et les applications qui en derivent. Paris, 8vo, pp. 24.
1848. GRAEFE, A. von. Ueber das Tannin als Choleramittel.
Berolini, 8vo.
1855. BOPP, A. S. Diss. de Acido Quercitannico.
Berolini, 8vo, pp. 35.
1856. ZYBELL, C. J. R. De Strychnino et Acido Quercitanico ejus antidoto.
Berolini, 8vo, pp. 30.
1858. HACHERELLE, J. Du Tannin et de son emploi dans les Ophthalmies.
Vendôme, 8vo, pp. 21.
1862. LERICHE, — Du Tannin, de son emploi en médecine comme succédané du Quinquina.
Paris, 8vo.
1863. ROBERTS, W. On the peculiar appearance exhibited by blood-corpuscles under the influence of Magenta and Tannin. (Ex. *Proceed. of Royal Society.*) London, 8vo.
Bibl. Med.-Chir. Soc.

1863. GASTINEL, —. Mémoire sur l'Acide Tanno-arsénieux, &c.
Vide "Arsenic," 1863.
1863. WOILLEZ, —. De l'emploi du Tannin dans les affections des organes respiratoires et principalement dans la Phthisie Pulmonaire. (*Bull. Gén. de Thérap.*) Paris, 8vo, pp. 26.
1870. LÈBRE, N. *Du Tannin, et de son emploi thérapeutique. Paris, 4to, pp. 38.
1873. DUBOUÉ, —. Sur l'emploi et les bons effets du Tannin dans la Pleurésie et notamment dans la Pleurésie chronique purulente. Paris, 8vo, pp. 15.
1875. DUBOUÉ, —. Sur les propriétés thérapeutiques du Tannin.
Vide "General Therapeutics," 1875.

TARAXACUM DENS LEONIS, Desf.

Taraxacum, Dandelion.

1754. DELIUS, H. F. *De Taraxaco, præsertim aquæ ejusdem per fermentationem paratæ eximio usu. Resp. F. J. W. Schroeder. Erlangæ, 4to, pp. 28. (Ibid. in *Baldinger Syllog.*, v, p. 219.)
Bibl. Banks; Med.-Chir. Soc. (Baldinger.)

To a full botanical description of the plant various experiments are added, with the view of determining the most effectual mode of obtaining its medicinal virtues, and the verdict is in favour of a vinous distilled water obtained by submitting first to fermentation and then to distillation equal parts of the fresh bruised plant and the best Frankfort wine. The author reports highly of its efficacy in asthmatic and dropsical affections. See *Duncan's Med. Commentaries*, viii, 1783, p. 35.

1833. MENKE, C. T. De nova morbos chronicos ope pastus Taraxacini curandi ratione. Pyrmonti, 4to, pp. 13.
 Callisen gives this author's name as Menke in one place and Henke in another; the former is probably correct.
1869. BENNETT, J. H. Researches into the action of Mercury, Podophylline, and Taraxacum, on the Biliary secretion. Edin. 8vo.
 Adverse to the claim of taraxacum as a cholagogue. See "Hydrargyrum," 1869.

ACIDUM TARTARICUM.

Tartaric Acid.

1779. PÆCKEN, M. A. *De Sale essentiali Acido Tartari. Gottingæ, 4to. (Idem in Schlegel, *Thes. Mat. Med.*, vol. ii, art. 17, p. 70.)
Bibl. Med.-Chir. Soc. (Schlegel); *Coll. Phys. Edin.*
 Mainly pharmaceutical; contains nothing physiological or therapeutical.
1831. GRÜNER, T. De Acido Pyro-tartarico, et de modo illius exhibendi. Hannov. und Göttingen, 8vo.
1845. MITSCHERLICH, C. G. De Acidi Acetici... Tartarici, &c., effectum in animalibus. Berolini, 4to.
Vide "Acetic Acid."
1852. ORFILA, M. J. B. De L'empoisonnement par l'Acide Tartarique. (Ex *Ann. d'Hygiène*, Jan., 1852.) Paris, 8vo, pp. 24.

TAXUS BACCATA, Linn.

The Yew Tree.

1794. REDDELIEN, J. C. De *Taxo baccata* Linnæi. Præs. —. Loder. Jenæ, 4to. *Bibl. Med. Soc. Lond.*
1796. KLUNCKER, F. A. *De *Taxo baccata*. Præs. G. R. Boehmer. Wittenbergæ, 4to, pp. 32.
1840. SCHUETZ, C. E. Diss. toxicologico-medica de *Taxo baccata*, ejusque veneno. Vratislaviæ, 8vo, pp. 41.
1854. CHEVALLIER, A., DUCHESNE, E. A., et RAYNAL, —. Mémoire sur l'If (*Taxus baccata*) et sur ses propriétés toxiques. Paris, 8vo, pp. 67.

TELLURIUM.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Telluriums, &c. auf den thierischen Organismus. Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*
- Vide *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See "Metals," 1825.

TEREBINTHINA EJUSQUE OLEUM.

Turpentine and Oil of Turpentine.

1534. DONATUS à MUTIIS. Epistola de Terebinthinæ resinæ facultatibus. (Ex. in *Gallicum Pentapharmacum, sive De Rhabarbo, Agarico, Manna, Terebinthina et Sene*, a Symphoriano Campegio.) Lugduni, 8vo.
1592. SCHYLANDER, C. Vide "Guaiacum," 1592.
1640. RANCHIN, F. Traité curieux sur l'odeur de la violette que les Térébenthines donnent aux urines (à la suite de ses Opuscules). Lyon, 12mo.
- Mérat and De Lens, from whose work this title is extracted, give by mistake the year 1740, instead of 1640, as the date of Ranchin's "Opuscules."
1679. YONGE, J. *Currus Triumphalis e Terebintho*, or Account of the many admirable virtues of *Oleum Terebinthinæ*, &c. London, 8vo, pp. 120.

Bibl. Med.-Chir. Soc. ; Coll. Surg. Lond. ; Coll. Phys. Edin.

In this work the author, after taking an extensive and minute view of the means in use in his day for suppressing hæmorrhage from wounds, narrates seven experiments made with oil of turpentine, by which he thinks that he proves that the powers of this agent in stopping bleeding from wounds are greater and more certain than those by any other method. These experiments would not, in the present day, be regarded as very conclusive. The first three show that oil of turpentine, if heated, is liable to be converted into firm, tough, adherent varnish, which he infers must therefore, close shut up, and contract the mouths of the vessels. It is manifest that, as he used this agent hot, evaporation of the volatile portion took place, and then the resinous part formed the varnish. For the circumstances which led to the publication of this work, and extended notice of it, together with an interesting biographical sketch of the author, who was evidently an original genius and an intelligent surgeon, see *Edin. Med. Surg. Journal.*, April, 1849, vol. lxxi, p. 414 and p. 943.

1699. WILHELMI, J. *De Terebinthina. Præs. F. Hoffmann.
Halæ, 4to. Ibid. 1700. *Bibl. Coll. Phys. Edin.*
Gallos pro balsamo Peruviano vendere. Analysis. Usus in scabie, tinea,
alvum ducere, morbis renum et vesicæ convenire, gonorrhœæ, fluori albo.—
Haller, Bibl. Med. Pract., iii, p. 553.
1700. WEDEL, G. W. *De Terebinthina. Jenæ, 4to.
1790. DURANDE, J. F. Observations sur l'efficacité d'un mélange
d'Éther Sulfurique et d'Huile Volatile de Térébenthine dans les
Coliques Hépatiques produites par des pierres biliaires.
Strasbourg, 8vo.
1814. BRENAN, J. Thoughts on Puerperal Fever, and its cure by
Spirit of Turpentine; also cases of Inflammation and Spasm cured
by the internal and external exhibition of that medicine.
London, 8vo, pp. 24. *Bibl. Med.-Chir. Soc.*
A loosely drawn up pamphlet; the cases (six) given are very vague, and
too few in number to justify the author's expectation that "the efficacy
of the medicine is as fully established to be a specific by these as by any given
number!" See review in *London Med. Phys. Journ.*, xxxii, 1814, p. 403-410.
1818. MARTINET, L. *Emploi et action de la Térébenthine dans le
Catarrhe chronique Vésical. Paris, 4to.
1819. AVISARD, J. *Térébenthine de Venise, son emploi et action
dans le Catarrhe Chronique Vésical. Paris, 4to.
1823. MARTINET, L. Mémoire sur l'emploi de l'Huile de Térében-
thine dans la Sciatique et dans quelques autres Névralgies, &c.
Paris, 8vo, pp. 78. Éd. 2me, Paris, 8vo, pp. 187, 1829. German
transl. Leipzig, 8vo, 1824. *Bibl. Med.-Chir. Soc.*
A very interesting monograph, consisting chiefly of cases of sciatica and
other neuralgic affections in which the remedy was used, arranged in three
classes, viz.: cases cured, cases relieved, and cases not benefited; of these a
good analysis is given at the end of the work. See review in *Edin. Monthly
Journ. of Med.*, February 1st, 1842, vol. ii, p. 157-160. For a summary of
his results see *Dublin Journ. Med. Sci.*, iv, 1834, p. 462.
1829. CARMICHAEL, H. Observations on the efficacy of Turpentine
in the Venereal and other deep-seated Inflammations of the Eye.
With some remarks on the influence of that medicine on the
system. Dublin, 8vo. *Bibl. Coll. Surg. Lond.*
1830. CAILLOT, A. *Essai chimique sur les Térébenthines, &c.
Strasbourg, 4to.
1830. FERNANDES, S. J. *De la Péritonite Puerpérale et en par-
ticulier de son traitement par l'Essence de Térébenthine, &c.
Paris, 4to.
1837. BAYLE, A. L. J. Sur l'Huile de Térébenthine. (Ex. in *Bib-
liothèque Thérapeutique*, vol. iv, p. 365.
Contains an excellent summary of its therapeutic uses.
1838. LUTTERI, A. *Summa recentiorum observationum de Oleo
Terebinthinæ. Ticini Reg., 8vo, pp. 24.
1839. GUIBOURT, N. J. B. G. Mémoire sur l'origine et les carac-
tères distinctifs des Térébenthines. Paris, 8vo.

1850. SMITH, T. Practical treatise on the therapeutic uses of Terebinthinate Medicines. London, 8vo, pp. 95.

A series of observations, the results of clinical experience, on the value of terebinthinate medicines, of which the author entertains a high estimate. They are well deserving of perusal, and exhibit throughout the single aim of improving the resources of the therapeutic art by an attempt to determine the true value of a powerful class of medicaments.—*Brit. and For. Med.-Chir. Rev.*, January, 1851, p. 248.

The volume contains much useful information.—*Edin. Med. Journ.*, lxxv, p. 228.

1856. MARCHAL, —. Mémoire sur l'empoisonnement par la Vapeur d'Essence de Térébenthine. Paris, 8vo, pp. 44.

1857. MOUCHON, E. De la Térébenthine, de son huile essentielle et de quelques produits pharmaceutiques à base de Térébenthine. Lyon, 8vo, pp. 16.

1858. REY, A. Des procédés hydrothérapiques, et des bains de Vapeur Térébenthinée. (Ex *Comptes Rendus*). Grenoble, 8vo, pp. 96.

1861. LECLAIRE, —. Recherches concernant l'influence que peut avoir l'Essence de Térébenthine sur la santé des ouvriers peintres en bâtiments et des personnes qui habitent un appartement nouvellement peint. Paris, 8vo, pp. 52.

1864. TEISSIER, —. De l'emploi de l'Essence de Térébenthine contre la céphalée des femmes nerveuses. Lyon, 8vo, pp. 15.

1866. CHEVANDIER, A. Bains de Vapeurs Térébenthinés chez soi. Étude. Éd. 3me, Paris, 8vo, pp. 31.

For an abstract of M. Chevandier's observations see *Dublin Quart. Med. Journ.*, vol. xviii, p. 497.

1869. BOYER, G. A. *De la Térébenthine, son emploi dans quelques maladies. Paris, 4to.

1869. MARCHAND, L. Enumération des substances fournies à la médecine et à la pharmacie par l'ancien groupe des Térébenthacés. Paris, 8vo, pp. 104.

1869. COURVAL, O. de. Remarques sur le traitement topique de la Carie par l'Huile de foie de Morue blonde et l'Essence de Térébenthine. Paris, 8vo, pp. 32.

1871. BEGBIE, J. WARBURTON. The therapeutic actions and uses of Turpentine. Ex. in *Edin. Med. Journ.*, July, 1871, p. 39, seq.

An interesting contribution to our therapeutic knowledge of this agent.

1874. BREMOND, —. Nouvelle méthode de traitement de la Blennorrhagie Uréthrale par les bains de Vapeur Térébenthinée. Paris, 8vo, pp. 11.

1874. CRUCIS, L. *Action physiologique et morbide de la Térébenthine et de quelques autres hydrocarbures. Paris, 4to.

1875. ROMMELAERE, —. Essence of Turpentine in Phosphorus Poisoning. *Vide* "Phosphorus," 1875.

TEUCRIUM MARUM, Linn.

Cat Thyme.

1703. WEDEL, G. W. *De Maro. Resp. J. Hermann.
Jenæ, 4to, pp. 44. *Bibl. Linn. Soc.; Banks.*
1774. LINNÆUS, C. *Diss. de Maro. Resp. J. A. Dahlgren.
Upsaliæ, 4to, pp. 18.
Bibl. Banks; Linn. Soc.; Med. Soc. Lond. (sub nom. Dahlgren).
1794. NICOLAI, —. Historia Cephalalgiae periodicæ Maro officinali
sanatæ. Jenæ, 4to.

TEUCRIUM SCORDIUM, Linn.

Scordium. Water Germander.

- ? MELLESINUS, J. S. Carmen heroicum de virtutibus et proprietatibus Scordii herbæ, nuper in Germania a Valerio Cordo inventæ.
Augustæ Vindel. 4to, fol. 7, tab. col. i.
This work is given on the authority of Pritzel, but I can find no notice of it elsewhere. It is apparently a work of the 16th century.
1706. CAMERARIUS, R. J. *De Scordio. Resp. V. E. Rothius.
Tubingæ, 4to, pp. 24. *Bibl. Banks.*
1716. SLEVOGT, J. A. *Nonnulla ad natalem locum, characterem et vires herbæ Scordii pertinentia. Jenæ, 4to, pp. 8.
Bibl. Banks.
1716. WEDEL, J. A. *De Scordio. Resp. W. Wigand.
Jenæ, 4to, pp. 32. *Bibl. Banks.*
1720. KLEINKNECHT, J. J. De Scordio herba schediasma posthumum, editum a J. Franco, impr. cum hujus Momordicæ descriptione. Ulmæ, 8vo, pp. 41. *Bibl. Med.-Chir. Soc.; Banks.*

THALLIUM.

1864. LANCY, —. Sur les effets toxiques du Thallium. (Ex. in *Mém. de la Soc. des Sci. de Lille*).
Lille, 8vo, pp. 7.
1867. MARMÉ, W. Researches on Thallium. (Ex. in *Schmidt's Jahrbücher*, No. 9, 1867).

Dr. Marmé has carefully studied the physiological action of Thallium... He traces out its effects on various classes of animals, as on reptiles, birds, and mammals. For an abstract of his interesting observations see *Brit. and For. Med.-Chir. Rev.*, January, 1868, p. 254.

THAPSIA GARGANICA, Linn.

1857. REBOULLEAU, —. Notice sur la résine de Thapsia garganica et sur son emploi en médecine comme agent révulsif sous forme d'emplâtre.
Constantine, 8vo, pp. 15.

THEA CHINENSIS, Sims.

Tea.

1648. MORISSET, P., et MAUVILLAIN, J. DE. Ergo Thea Chinesis-
sium menti confert. Paris, 4to.

1657. THEVART, A. et CRESSÉ, P. *Ergo confert curandæ Arthritidi Thea Sinensium. Paris, 4to.
1665. PAULLI, S. *Vide* "Tabacum," 1665.
1671. DUFOUR, P. S. *Vide* "Coffea," 1671. Lyons, 12mo, pp. 188.
1672. MOLINARIIS, S. DE. Ambrosia Asiatica, seu de virtute et usu herbæ The seu Cia, &c. Genuæ, 12mo.
Eulogium potius est herbæ Theæ, ad omnes pene morbos, epilepsiam etiam et catochum.—*Haller, Bibl. Med. Pract.*, iii, p. 66. See also *Bibl. Bot.*, i, p. 568.
1678. BONTEKOE, C. Van het excellenste Kruid Thee derdem druk vermeerderd met twee verhandeligen van de Coffi en de Chocolade. Hagæ, 12mo. Ib. 1685.
Cum tenuitatem sanguinis pro summo bono haberet, eam a Thea expectabat, adeo vehemens hujus plantæ laudator, ut omnem suspicionem repudiaret, infusam cum Thea aquam etiam ad 200 vascula sumtam nocere posse, et eam ipsam pro panacea ad omnes morbos extollat.—*Haller, Bibl. Bot.*, i, p. 602.
1678. TEN RHYNE, G. De frutice Théë, excerpta ex ejus observationibus Japonicis. Imp. cum Breyn, Centuria Exoticarum, &c. Gedani, folio, p. ix-xvii. *Bibl. Banks.*
1684. FRISIUS, H. Quod Thea Arthritidi conveniat. Lugd. Bat. 4to.
1684. ALBINUS, B. *De Thee. Resp. J. M. Genge. Francof. 4to, pp. 31. *Bibl. Banks.*
1684. PECHLIN, J. N. Theophilus bibaculus, sive de potu Theæ dialogus. Kilonii et Francof. 4to, pp. 103. *Vide* "Petit," 1685, *infra*. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
Theæ vim esse in sale volatili cum adstringente vi conjuncto. Salutarem ejus vim esse in scorbuto, calculo, podagra, &c.—*Haller, Bibl. Med. Pract.*, iii, p. 221.
1685. HERRICHEN, J. G. De Thea herba doricum melydrion: [Græce]. Lipsiæ, 4to. Impr. cum P. Francii Anacroneticis (*vide* 1685) et cum Tollii Epistolis Itinerariis. Amst. 4to, 1700.
1685. FRANCIUS, P. In laudem Theæ Sinensis anacreontica duo (Græce). Amstel. 4to, pp. 8. *Bibl. Banks.*
1685. CHAMBERLAYNE, J. *Vide* "Coffea," 1685.
1685. PETIT, P. Thea, sive de Sinensi herba Thee carmen ad Huetium, cui adjectæ J. N. Pechlini de eadem herba epigraphæ et descriptiones aliæ. Lipsiæ, 4to, pp. 48, tab. i. *Bibl. Banks.*
Minime inficetum carmen.—*Haller, Bibl. Bot.*, p. 629.
1685. WALDSCHMIEDT, J. J. De potu Theæ. Resp. C. Kürsner. Marburgi, 4to.
1686. BLANKAART, S. Gebruik en misbruek van de Thee, &c. Gravenhage, 8vo. German transl. Hamburg, 1705, 8vo.
1687. BLEGNY, N. DE. *Vide* "Coffea," 1687.

1687. KIRCHMAJERUS, C. C. Diss. medica de usu et abusu potus calidi cum Herba Thee. Wittembergæ, 4to.
Bibl. Coll. Phys. Edin.
1688. BORRICHIVS, O. De usu plantarum indigenarum in medicina ...et de Thé. Hafniæ, 12mo.
Bibl. Med.-Chir. Soc.
1688. DILLENIVS, J. F. Diss. de Thea et potu Theæ. Giessæ, 4to
1690. THILE, J. Theologia medica, i. e. de usu et abusu potus calidi cum herba Thee exercitatio. Wittebergæ, 4to.
1691. MAPPUS, M. *Vide* "Coffea," 1695.
1692. WALDSCHMIEDT, W. U. *De usu et abusu potus Thee in genere, præcipue vero in Hydrope. Resp. J. Müller. Kiliæ, 4to.
1693. TILING, J. De præstantia herbæ Theæ in medicina. Lugd. Bat. 4to.
1696. FAUCIS, D. DE, et SERINA. *Non ergo mors Arthritidis potu decocti foliorum Theæ. Paris, 4to.
1698. EMMERICH, G. Theeologia, ejusque infusum. Regiomonti, 4to.
1699. OVINGTON, J. Essay upon the nature and qualities of Tea. London, 12mo.
Utilitatem medicam Theæ magnis laudibus extollit.—*Haller, Bibl. Med. Pract.*, iv, p. 207.
1702. LUTHER, C. F. *An potus Theæ exsiccandi et emaciandi virtute polleat. Paris, 4to.
Apologia Theæ, non siccare, debilem humectare, saturatam autem siccare.—*Haller, op. cit.*, iv, p. 344.
1707. WEDEL, G. W. *De Thea. Jenæ, 4to.
1712. SILVA, J. B. An senibus Thé? Paris, 4to, pp. 4.
1721. MEISNER, L. F. *Vide* "Coffea," 1721.
1722. LOHMEIER, —. *Diss. de herbæ exoticæ Theæ infuso ejusque usu et abusu. Erfordiæ, 4to.
1730. SHORT, T. Dissertation upon Tea, explaining its nature and properties. London, 4to. Alt. ed. 1749, 1753.
1734. STAHL, J. J. *De veris herbæ Thee proprietatibus et viribus medicis. Resp. A. G. Reichel. Erfordiæ, 4to, pp. 24.
Bibl. Banks.
1737. LEFEBVRE, J. F. *Vide* "Tabacum," 1737.
1739. FALCONET, C. et BERTIN, J. E. *Non ergo potus Theæ ad sanorum diætam pertinet. Paris, 4to, pp. 4.
1740. NÖRAGER, C. *De potu Thee. Resp. P. Schow. Hafniæ, 4to, pp. 16.
Bibl. Banks.
1743. KRÜGER, J. G. *Vide* "Coffea," 1743.
1745. MASON, S. The good and bad effects of Tea considered. London, 8vo.
Bibl. Med. Chir.-Soc.; Acad. Edin.

1746. JAMES, R. *Vide* "Coffea," 1746.
1747. QUELMALZ, S. T. *Programma de infuso foliorum Theæ.*
Lipsiæ, 4to.
1749. GARNIER, A. et COUTHIER, J. F. *An Parisinis frequens
potus Thee frequenti potu Caffé salubrior? Paris, 4to, pp. 4.
1750. ELOY, N. F. J. *Réflexions sur l'usage du Thé.*
Montpellier, 12mo.
1750. SHORT, T. *Vide* "Tabacum," 1750.
1765. LINNÆUS, C. *Potus Theæ. Resp. P. Tillæus.
Upsaliæ, 4to, pp. 16, tab. i. *Bibl. Banks.*
1769. LETTSOM, J. C. *Observationes ad vires Theæ pertinentes.
Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.*
Experimentis nonnullis putat se vincere, odoratum et volatile Theæ ele-
mentum nocere: extractum adeo aut decoctum salubrius esse, vimque noxiam
non esse ab aqua calida, sed a narcotico Theæ vapore.—*Haller, Bibl. Bot.*
ii, p. 601.
1772. LETTSOM, J. The natural history of the Tea-tree with obser-
vations on the medical qualities of Tea and the effects of Tea-
drinking. London, 4to, pp. 64, tab. i. Second ed. London, 1799,
4to, pp. 102, tab. nig. i, tab. col. 4. French transl. Paris, 1773,
12mo, pp. 170, tab. i. *Bibl. Med.-Chir. Soc.*
1787. BUCHOZ, P. J. Diss. sur le Thé, sur sa récolte et sur les
bons et mauvais effets de son infusion.
Liège et Paris, 8vo, pp. 65.
1787. BELCHILGEN, COUNT. An essay on the properties and virtues
of Ginseng Tea, with observations on the poisonous effects of
Tea drinking in general. London, 8vo.
1799. TAYLOR, E. *Vide* "Tabacum," 1799.
1800. LANGSTADT, F. L. *Vide* "Coffea," 1800.
1806. BUCHOZ, P. J. Histoire naturelle du Thé de la Chine.
Paris, 8vo, pp. 92.
1808. CADET DE GASSICOURT, C. L. Le Thé, est-il plus nuisible
qu'utile? Paris, 8vo.
1810. BONIN, P. Remarques et observations sur les inconvéniens et
l'abus du Thé. Paris, 4to.
1820. MARQUIS, F. Du Thé, &c. Paris, 8vo, pp. 68, tab. 2me
éd. Paris, 1834, 8vo, pp. 99, tab. nigr. 9, tab. col. i.
1825. BERGSMAN, C. A. *Diss. medico-botanica de Thea.
Traject. ad Rhen. 8vo, pp. 52. *Bibl. Roy.*
Contains a chronological list of authors who have written on tea.
1826. SASSENUS, J. B. De l'excellence du Thé, et de ses vertus
étonnantes dans la médecine. Anvers, 8vo.
1827. NEWNHAM, W. Observations on the medicinal and dietetic
properties of Green Tea, and particularly on the controuling in-
fluence it exerts over Irritation of the Brain.
London, 8vo, pp. 32.
The author concludes that green tea acts as a direct sedative in headaches

arising from sthenic excitement of the brain, *e.g.* those produced by overstimulation by the use of alcoholic drinks, or from intense mental exertion or literary research. Under such circumstances, he states that it "calms the nervous system, invigorates the animal frame, refreshes jaded spirits, clears the ideas, brightens the faculties," and recruits the flagging energies of the brain! Such is the author's picture; for the reverse, see *Med.-Chir. Rev.*, July, 1827, p. 143, 4.

1827. MILLESLEY, S. Sur l'usage du Thé, d'après les auteurs les plus anciens et les plus renommés. Paris, 8vo, pp. 36. 2me éd. *ibid.* 1830.

1830. KIHLMANN, J. H. Chinesika Théet.

Stockholm, 8vo, pp. 30.

1839. SIGMOND, G. G. Tea; its effects, medicinal and moral.

London, 8vo, pp. 144.

Dr. Sigmond's book has entirely disappointed us. Its title is attractive, its contents the reverse. We eagerly sought for information, and, except in its extracts from other works, we found scarcely any. We were prepared for good Souchong or Pekoe, and all that was offered us was exceedingly weak Bohea. As in duty bound we drank the Bohea, but really cannot recommend to our readers a similar draught. There was scarcely a lump of sugar in the cup!—*Brit. and For. Med. Rev.*, Jan., 1839, p. 242.

1843. HOUSSAYE, J. G. Monographie du Thé, description botanique, torréfaction, composition chimique, propriétés hygiéniques, &c. Paris, 8vo, pp. 160, fig. 18. German transl. Leipzig and Quedlinburg, 1844, 8vo, pp. 111, tab. 5.

1844. PLEISCHL, A. Der Thee (Thea) in chemischer und diätetischer Beziehung, &c. Wien, 8vo, pp. 38.

1844. WEYDA, H. Der Chinesische Thee in Bezug auf Naturgeschichte und Diätetik. Wien, 8vo, pp. 48, tab. i.

1861. SMITH, E. On the uses of Tea in the healthy system. (*Ex Journ. of Soc. of Arts.*) London, 8vo. *Bibl. Med.-Chir. Soc.*

1864. DEBAY, A. Les influences du Chocolat, du Thé, &c., sur l'économie humaine, &c. Paris, 8vo, pp. 276.

1866. GRIMSHAW, T. W. Treatment of Typhus Fever by Tea, with cases. London, 12mo. *Bibl. Med.-Chir. Soc.*

1870. FÉBRER, F. De la Leucorrhée liée à la Métrite interne, suite de couches, et de son traitement par les injections de Thé vert.

Paris, 8vo, pp. 8.

1874. WANKLYN, J. A. A Practical Treatise on the analysis of Tea, Coffee, and Cocoa. London, 8vo, pp. 59.

The author acknowledges in his preface that he has done little more than collect the materials which had been accumulated by the numerous chemists who have examined tea, coffee, and cocoa. His own additions to our knowledge are very small, and from imperfect acquaintance with the chemical literature of food analysis, he too often claims as original, methods and facts long previously known.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1875, p. 408.

1875. BENNETT, J. H. On the Antagonism between Theine or Infusion of Tea and Meconate of Morphia.

See "Medicines, Properties of," 1875.

THEBAINE.

1872. ARZEROUNY, M. *Étude expérimentale sur les effets physiologiques et thérapeutiques de la Thébaïne. Paris, 4to.
See "Opium."

THEOBROMA CACAO, Linn.

Cacao, Chocolate.

1609. CARDENOS, J. Del Chocolate che provechos haya, y se es saludable o no. Mexici, 8vo.
1616. MARRANDAN, B. *Vide* "Tabacum," 1616.
1631. COLMENERO DE LEDESMA, A. Curioso trattato de la naturaleza y calidad del Chocolate, dividido in quatro puntos. Madrid, 4to. Latin transl. by M. A. Severinus, Norimbergæ, 1644, 12mo, pp. 73. French transl. by R. Moreau, Paris, 1643, 4to, pp. 59, and Lyons, 1671, 12mo. Ital. transl. Bologna, 1694, 12mo, pp. 72. English transl. by Chamberlayne, London, 1685, 12mo.
Bibl. Banks (omnes ed.); *Acad. Edin.* (1644).
1651. DUPONT, M. An salubris usus Chocolatæ. Affirmat. Resp. C. Brisset. Paris, 4to.
1662. STUBBE, H. The Indian Nectar; or a discourse concerning Chocolate. London, 8vo, pp. 184. *Bibl. Banks.*
1664. BRANCACCIO, F. M. De usu et potu Chocolatæ diatribe. Romæ, 4to. *Ibid.* 1666.
1672. HUGHES, W. The American Physician; whereunto is annexed a Discourse of the Cacao-nut tree, and the use of its fruit, &c. ...with all the ways of making Chocolate, the like never extant before. London, 12mo. *Bibl. Banks.*
1678. BONTEKOE, C. *Vide* "Thea Chinensis," 1678.
1684. BACHOT, S. Quæstio medica, an Chocolatæ usus salutaris? Paris, 4to.
1694. EYSEL, J. P. *De Chocolatæ usu et abusu. Erfordiæ, 4to.
1695. MAPPUS, M. De potu Chocolatæ. *Vide* "Coffea," 1695.
1710. FELICI, J. B. Parere intorno all' uso della Cioccolata. Firenze, 4to. *Bibl. Med.-Chir. Soc.* (ed. 1728).
Adverse to the use of chocolate. The author's views were opposed by Serafinus, Zeti, and Avanzini, whose tracts are appended to the end of the edition of Felici's work, published at Florence in 1728. *Vide Haller, Bibl. Bot.*, ii, p. 219-20.
1719. QUELUS, — DE. Histoire naturelle du Cacao et du Sucre. Paris, 12mo, pp. 227, tab. 6. *Id.* Amsterdam, 1720, 12mo. English transl. by R. Brookes. Second ed. London, 1730, 8vo, pp. 95, without the History of Sugar. *Bibl. Banks.*
1721. BRÜCKMANN, F. E. *De Avellana Mexicana. Præs. J. C. Spies. Helmstadii, 4to, pp. 48, tab. 2. 2nd ed. Brunsvigæ, 1728, 4to, pp. 29, tab. 2. *Bibl. Banks.*
1721. MEISNER, L. F. *Vide* "Coffea," 1721.

1723. GOELICKE, A. O. De Balsamo Cacao.
 Francof. ad Viad. 4to. Ibid. 1736.
1735. MAUCHART, B. D. *Butyrum Cacao, novum atque commen-
 datissimum medicamentum. Resp. G. Hoffmann.
 Tubingæ, 4to, pp. 24. *Bibl. Banks.*
1736. STAHL, J. J. *De Chocolata Indorum ejusque viribus medicis.
 Resp. M. J. Eschweiler. Erfordiæ, 4to.
1737. LEFEBVRE, J. F. *Vide* "Tabacum," 1737.
1739. BARON, H. T. An senibus Chocolate potus? Affirmat. Resp.
 L. G. Lemournier. Paris, 4to. Idem, Resp. J. F. C. Morand.
 Paris, 1749, 4to.
1746. JAMES, R. *Vide* "Coffea," 1746.
1746. MILHAU, —. Diss. sur le Cacaoyer.
 Montpellier, 4to, pp. 32. *Bibl. Banks.*
1759. MARCO, J. DE. De usu et abusu Chocolatæ in re medica et
 morali. Malta, 4to.
1763. CARTHEUSER, J. F. *De Chocolatæ analepticorum principe.
 Resp. C. H. Becmann. Francof. ad Viad. 4to.
Bibl. Radcliffe (sub nom. Becmann).
1763. LINNÆUS, C. *De potu Chocolatæ. Resp. A. Hoffmann.
 Holmiæ, 4to, pp. 10. (Idem in *Amæn. Acad.*, vii, p. 254-263).
Bibl. Banks.
- Laudat.—*Haller.*
1772. NAVIER, P. T. Observations sur le Cacao, et sur le Chocolat,
 où l'on examine les avantages et les inconvénients qui peuvent
 résulter de ces substances nourricières. Paris, 12mo, pp. 144.
1787. BUCHOZ, P. J. Diss. sur le Cacao et sur sa culture.
 Paris, 8vo, pp. 60.
1827. GALLAIS, A. Monographie du Cacao.
 Paris, 8vo, pp. 216, tab. 2, et "carte" i.
1857. MITSCHERLICH, G. A. *De Cacao.
 Berolini, 8vo, pp. 35, tab. i.
1859. MITSCHERLICH, G. A. Der Cacao und die Chocolate.
 Berlin, 8vo, pp. 129, tab. 3, mappa geogr. i.
1864. DEBAY, A. *Vide* "Coffea," 1864.
1864. FOREST, H. Du Cacao et de ses diverses espèces. Historique,
 analyses chimiques, altérations, falsifications, &c.
 Paris, 18mo, pp. 103.
1869. BERNOULLI, C. G. Uebersicht der bis jetzt bekannten Arten
 von Theobroma. Zurich, 4to, pp. 15, tab. 7.
1874. WANKLYN, J. A. Analysis of Cocoa. *Vide* "Thea," 1874.

ACIDUM THYMICUM.

Thymic Acid.

1869. PAQUET, A. Du traitement de la Gangrène Pulmonaire cura-
 ble par les inhalations de l'Acide Thymique. Paris, 8vo, pp. 7.

TITANIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts...
 Titaniums, &c., auf den thierischen Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. London.
 Review in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See also "Metals,"
 1825.

TORMENTILLA. Vide "POTENTILLA."

TRIMETHYLAMINE.

1873. BOURDET, F. *Sur la Triméthylamine; ses propriétés chimiques, physiologiques et thérapeutiques. Paris, 4to.
 1873. COTTARD, A. *De la valeur de la Triméthylamine dans le traitement du Rhumatisme Articulaire. Paris, 4to. Ibid. 8vo, pp. 88. *Bibl. Med.-Chir. Soc.*
 1873. DUJARDIN-BEAUMETZ, —. Nouvelles recherches sur la Triméthylamine et sur son usage thérapeutique dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 47.
 1873. PETIT, A. De la Triméthylamine au point de vue chimique et pharmaceutique. Paris, 8vo, pp. 11.
 1873. HAMDY, A. Vide "Propylamine," 1873.
 1874. PELTIER, G. De la Triméthylamine et de son usage dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 36.

CHLORHYDRATE OF TRIMETHYLAMINE.

1873. DUJARDIN-BEAUMETZ, —. Du Chlorhydrate de Triméthylamine dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 19.

TRITICUM REPENS, Linn.

Couch Grass.

1656. PFAUTZ, J. Descriptio Graminis medici plenior, ex variis haud infinitæ notæ scriptoribus, de nomine, formâ, loco, tempore, qualitatibus ac viribus, &c. Ulmæ, 4to, pp. 19. *Bibl. Banks.*
 1747. KNIPHOF, J. H. *De Gramine levidensi et præcellentissimo. Erfordiæ, 4to, pp. 20. *Bibl. Banks.*

The value of *Triticum repens* in genito-urinary affections has, in modern times, been ably set forth by that eminent surgeon Sir Henry Thompson.—*Lancet*, October 12th, 1861, q. v.

TROPÆOLUM MAJUS, Linn.

Garden Nasturtium, Indian Cress.

1755. CARTHEUSER, J. F. *Diss. de Cardamindo. Resp. G. Klopsch. Francof. ad Viad. 4to, pp. 24. *Bibl. Banks.*
 1789. LAURELL, A. F. *De Tropæolo. Præs. C. N. Hellenius. Aboæ, 4to, pp. 28.

TUNGSTEN.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts...
Tungstens, &c., auf den thierischen Organismus.
Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*

Review in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 134. See also "Metals,"
part i.

TUSSILAGO FARFARA, Linn.

Coltsfoot.

1714. EYSEL, J. P. *Filius ante patrem (*i. e.* Tussilago Farfara)
phthisicorum asylum. Resp. C. Otto. Erfordiae, 4to, pp. 24.
Bibl. Banks.

1779. NECKER, N. J. DE. *Vide* "Petasites vulgaris," 1779.

1807. BODARD, P. H. H. Des Écrouelles, des humeurs froides, et
observations sur l'utilité du Tussilage dans le traitement de cette
maladie. Paris, 8vo, pp. 108. 3me éd. intitulée "Engorge-
mens des Glandes," &c. Paris, 8vo, 1816.

TUSSILAGO PETASITES. *Vide* PETASITES VULGARIS.

TYPHA LATIFOLIA, Linn.

Cat's Tail, &c.

1833. VIGNAL, E. T. Essai sur la Brûlure et son nouveau traite-
ment par l'usage des poils du Typha. Paris, 8vo, pp. 80.
1857. BALLY, —. Communication sur l'emploi de l'épi ou spathe
du Typha latifolia. Clermont-Ferrand, 8vo, pp. 7.

ULMUS CAMPESTRIS, Linn.

Common Elm.

1692. RIDDERMARCK, A. *Diss. de Ulmo. Resp. H. Ulmgrehn.
Londini Scanaiæ, 8vo, pp. 32. *Bibl. Banks.*
1718. FISCHER, J. A. *De Didar Ibnsinæ, seu Ulmo arbore. Resp.
H. D. Enckelmann. Erfordiae, 4to, pp. 30. *Bibl. Banks.*
1738. SACHS, F. J. *Diss. de Ulmo. Argentorati, 4to, pp. 36.
Bibl. Linn. Soc. ; Radcliffe ; Banks.

Short analysis, chiefly in reference to its physical history in *Haller, Bibl.*
Bot., ii, p. 156.

1772. LYSONS, D. Essays on Fevers, &c., with observations on the use
of a decoction of the inner bark of the Common Elm in Cutaneous
Disorders. Bath, 8vo. *Bibl. Med.-Chir. Soc.*
1791. BAUMGARTEN, J. C. G. *De corticis Ulmi campestris natura
viribusque medicis. Lipsiæ, 4to, pp. 36.
1813. SMITHSON, J. On a substance called Ulmin.
London, 4to. *Bibl. Linn. Soc.*

1820. JEFFREYS, H. Cases in Surgery...the beneficial effects of Elm Bark as a cheap substitute for Sarsaparilla.
London, 8vo. pp. 237. *Bibl. Med.-Chir. Soc.*

The author does not rank Elm Bark with the more costly Sarsaparilla, but he avers that prepared as he directs, it is possessed of more medicinal virtues than have generally been attributed to it. He gives numerous cases to illustrate this view.—*Med.-Chir. Rev.*, December, 1822, p. 544-5.

1823. VAN DER VLIET, N. L. *De usu corticis Ulmi campestris.
Lugd. Bat. 4to. *Bibl. Roy.*

ULMUS FULVA, Michaux.

Slippery Elm.

1856. STORER, H. R. Elm Tents for the dilatation of the Cervix Uteri.
Boston, U.S., 8vo, pp. 8.

Contains a suggestion for the construction of uterine tents out of the bark of the Slippery Elm, which are thought to possess many advantages over those made of sponge.

URANIUM.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Uraniums auf den thierischen Organismus. *Tübingen*, 8vo.
Bibl. Coll. Surg. Lond.

Rev. Edin. Med. Surg. Journ., xxvi., 1806, p. 137. See also "Metals," 1825.

URTICA URENS, Linn.

Small Stinging Nettle.

1723. FRANKE, *latinè* FRANCUS, J. De Urtica urente. *Diling.* 8vo.
Bibl. Roy.

Senis opus, pene quadraginta annis post primam eam in Misc. Nat. Cur. adnotationem secutum. Antiquitates urticæ, et species, de flore aliqua, et de iconibus judicium. Analysis, aqua, spiritus, sal, et alia, vires medicæ, identidem observationes confirmatæ.—*Haller, Bibl. Bot.*, i, p. 635.

1862. ELOFFE, A. L'Ortie: ses propriétés alimentaires, médicales, &c.
Paris, 18mo, pp. 38.

UVÆ URSI FOLIA.

Uva Ursi. Bearberry Leaves.

1763. QUER Y MARTINEZ, J. Diss. physico-medica sobre la Passion Nephritica, e su verdadero especifico la Uva Ursi ó Garubas.
Madrid, 4to, pp. 56, tab. i. *Bibl. Banks.*

1764. GIRARDI, M. De Uva Ursina, ejusque et Aquæ Calcis vi lithonthryptica, novæ animadversiones. Patavii, 8vo, pp. 173, tab. 2. *Bibl. Med.-Chir. Soc.; Linn. Soc.*

Exempla adducit Uvæ Ursi in variis urinæ malis utiliter adhibitæ.—*Haller, Bibl. Bot.*, ii, p. 541.

1764. MURRAY, J. A. *Comment. de Arbuto Uva Ursi, exhibens descriptionem ejus botanicum, analysin chemicam, ejusque in

medicina et œconomia varium usum. Gottingæ, 4to, pp. 66.
(Redit. in ejus "Opera," vol. i, p. 1).

Bibl. Med.-Chir. Soc.; Linn. Soc.

De viribus medicatis in morbis vesicæ et renum exempla. Levat nonnunquam, non sublato malo.—*Haller, Bibl. Bot.* ii, p. 456.

1778. HARTMANN, P. I. *Antinephritica Uvæ Ursinæ virtus merito suspecta. Traject. ad Viad. 4to, pp. 55.

1803. MITCHELL, J. S. *Essay on the Arbutus Uva Ursi and Pyrola, &c. Philadelphia, 8vo.

1805. MELANDRI, G. *Vide* "Colchicum," 1805.

1805. BOURNE, R. Cases of Pulmonary Consumption, &c., treated with Uva Ursi. Oxford, 8vo, pp. 293. *Bibl. Med.-Chir. Soc.*

A character of extreme candour pervades this work. In the majority of the cases, however, the Uva Ursi was not had recourse to without auxillary combinations, and in some instances its employment was for a time entirely suspended. Hence the conclusions arrived at are much invalidated.—*Med. and Phys. Journal*, 1805, p. 461. The author's data appear to have been of a very limited and unsatisfactory character. See review in *Edin. Med. Surg. Journ.*, ii, 1806, p. 346.

1827. SOEDERBERG, C. *De Arbuto Uvæ Ursi. Præs. C. P. Thunberg. Upsaliæ. 4to.

1858. DE BEAUVAIS, —. Considérations pratiques sur l'emploi de l'Uva Ursi considéré spécialement comme agent obstétrical. Batignolles, 8vo, pp. 16.

1858. ROELEN, F. H. Analecta et experimenta de foliorum Uvæ Ursi effectu. Berolini, 8vo, pp. 31.

VALERIANA OFFICINALIS, Linn.

Common Valerian.

1724. SPIES, J. C. *De Valeriana. Resp. J. F. Bismarck. Helmstadii, 4to, pp. 34.

Bibl. Banks; Linn. Soc.; Med. Soc. Lond. (sub nom. Bismarck).

1732. ALBERTI, M. De Valerianis officinalibus. Resp. J. F. Stanke. Halæ, 4to, pp. 20. *Bibl. Banks.*

In adfectibus oculorum expertus laudat.—*Haller, Bibl. Bot.*, ii, p. 154.

1758. HILL, Sir J. The virtues of Wild Valerian in nervous disorders, &c.; directions for gathering and preserving the root, &c. London, 8vo, pp. 24, tab. 2. German transl. Nürnberg, 1765, 8vo, pp. 31, tab. 2. *Bibl. Med. Soc. Lond; Banks.*

Valde laudat ad morbos hystericos.—*Haller, op. cit.*, p. 358.

1776. DRESKY, W. *De Valeriana officinali, *Linn.* Erlangæ, 4to, pp. 30. (Baldinger Syllog. iii, p. 208.)

Bibl. Banks; Med.-Chir. Soc.

1788. CARMINATI, B. Comparaison des propriétés médicinales de la Valériane Celtique et de la Valériane officinale. In ejus "Opuscula Therapeutica," vol. i. *Vide* "General Therapeutics," 1788.

1789. ACKERN, J. C. VON. *De Valeriana, ejusque characteribus, viribus atque effectibus. Halæ, 8vo. *Bibl. Roy.*
1799. STÖR, B. H. *De radicis Valerianæ officinalis, *Linn.*, in Febribus acutis effectu. Erlangæ, 8vo, pp. 32.
1811. DUFRESNE, P. *Histoire naturelle et médicale de la famille des Valérianées. Montpellier, 4to, pp. 61, tab. 3.
1815. MERICQ, —. *Diss. sur l'usage médicamenteux de la Valériane. Strasbourg, 4to.
1816. LANDIS, H. *De Valerianæ officinalis virtutibus, ejusdemque usu medico. Gottingæ, 8vo.
1828. GUIBERT, T. Remarques pratiques sur l'emploi de l'Extrait de Valériane à haute dose dans les maladies nerveuses, et spécialement dans l'Asthme convulsif, l'Épilepsie et l'Hystérie. Paris, 8vo.
1835. GIORGETTI, F. *De Valeriana. Ticini Regii, 8vo, pp. 24.
1860. BARRALLIER, M. A. Des effets physiologiques et de l'emploi thérapeutique de l'Huile essentielle de Valériane. (Ex. *Bull. Gén. de Thérapeutique*, 1860.) Paris, 8vo, pp. 16.
1862. PIERLOT, M. Note sur la Valériane, sur l'analyse de sa racine et sur le Valérianate d'Ammoniaque. Paris, 8vo, pp. 11, 3 plates.
1867. TIMBAL-LAGRAVE, E. Note pour servir à l'étude botanique et médicale de la Valériane officinale. Toulouse, 8vo, pp. 7.
1871. CHATIN, J. *Études sur les Valérianes et leurs produits. Paris, 4to.
1873. BUISSON, L. *De la Valériane officinale. Paris, 4to.
1875. BOCK, E. Experimente über die Wirkungsweise der Radix Valerianæ. Göttingen, 8vo, pp. 35, tab. folio i.

VERATRIA.

Veratrine.

1820. GRIES, F. H. *De efficacia Veratri. Halæ, 8vo.
1830. BARDSLEY, J. L. Hospital Facts and Observations...on Veratria, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
Vide "Strychnia," 1830.
1834. TURNBULL, A. An Investigation into the remarkable medicinal effects resulting from the external application of Veratria. London, 8vo, pp. 96. Second ed. with App. on the external application of Delphinia and on the internal administration of the salts of Veratria and Delphinia. London, 1835, 8vo, pp. 120. Dutch transl. by J. Turk. Ultraject. 1835, 8vo. *Bibl. Med.-Chir. Soc.*

This treatise consists of an introduction detailing the properties and mode of applying veratria, followed by six chapters, each devoted to a consideration of its effects in a distinct disease or class of diseases, thus—1. Affections of the Heart. 2. Neuralgic Affections. 3. Rheumatism. 4. Paralysis. 5.

Dropsy. 6. Gout, Amaurosis, and Syphilitic Nodes. After a full consideration of all he has stated in these chapters, our impression is that the beneficial effects of veratria have been considerably exaggerated; he gives only a partial view of the subject. Has the author ever met with cases in which veratria failed to perform the miracles attributed to it? If so, why are the unsuccessful cases not detailed? He appears also to have overlooked the effects which the previous or concomitant treatment, as well as simple friction, and the action of veratria as a rubefacient, may have had upon the system.—*Edin. Med. Surg. Journ.*, xlii, 1834, p. 155—167.

1835. SCUDAMORE, Sir C. On Gout...with observations on the use of Veratria in that disease. London, 8vo. *Bibl. Med.-Chir. Soc.*

1836. ESCHÉ, J. *De Veratriæ effectibus in corpus animale.

Lipsiæ, 4to, pp. 43.

The most complete investigation yet undertaken.—*Christison on Poisons*, 1845, p. 880.

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American Hellebore.

1856. NORWOOD, W. C. The therapeutical powers and properties of *Veratrum viride*. New York, 8vo. Second ed.
1862. CUTTER, E. *Veratrum viride* as a therapeutic agent. Cambridge, U.S., 12mo. French transl. Paris, 8vo, pp. 16, tab. i.
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principle formerly known under the name of veratria. With each of these alkaloids Dr. Wood investigated their action on the circulation, on the heart and its nerves, and on the vaso-motor system. See further, *Edin. Med. Journ.*, March, 1875, p. 832.

VERBASCUM THAPSUS, Linn.

Great Mullein.

1754. RISLER, J. *Diss. medico-botanica de Verbascio.

Argentorati, 4to, pp. 76, tab. i. *Bibl. Coll. Surg. Lond.*; *Banks.*

An investigation mainly into the physical history of the plant, judging from a short abstract in *Haller's Bibl. Bot.*, ii, p. 440, where it is favorably noticed.

VERBENA OFFICINALIS, Linn.

Verbena, Common Vervain.

1721. WEDEL, J. A. *Diss. de Verbena. Resp. S. Arnold.

Jenæ, 4to, pp. 18.

Bibl. Banks.

1751. MONRAD, J. W. *De Verbena ejusque usu in sacris et incantationibus veterum.

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Dissertatio literaria.—*Haller*, ii, p. 410.

VERONICA (LINARIA) CYMBALARIA, Linn.

Cymbalaria, Ivy-leaved Toad Flax.

1798. BODARD, P. H. H. Mémoire sur la Véronique cymbalaire.

Pisa, 8vo, pp. 16.

VERONICA OFFICINALIS, Linn.

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Antiquitates (Veronicæ) requirit, comparat cum Alysso veterum, cujus figuram dat ex Codice Dioscorideo. Inde Theæ iconem aliquam dat et historiam. Vires Veronicæ valde ornat, et multis exemplis confirmat.—*Haller, Bibl. Bot.*, i, p. 635.

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Infusum herbæ vires optime servare. Inesse cum vi tonica subtiles et odoratas particulas; prodesse in phthisico malo, scabie sicca, a vesica mucum depellere; non perinde, ut Thea, hypochondriasis nocere.—*Haller, Bibl. Bot.* ii, p. 20.

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1871. THUDICHUM, J. L. W., and DUPRÉ, A. Treatise on the origin, nature, and varieties of Wine. London and New York, 8vo, pp. 760.

This book, which professes to be a “Complete Manual of Viticulture and Enology,” thoroughly fulfils that purpose, and is probably one of the most solidly useful works that have appeared on any subject of the kind for many

years. Although it does not contain a complete discussion of the action of wine upon the body in health and in disease, it may be read with profit and pleasure alike by the profession and the public.—*Practitioner*, December, 1871, p. 360.

1874. GALVANI, M. *Du traitement de l'Hydrocèle vaginale par l'Injection Vineuse, et spécialement par cette injection faite à température ordinaire. Paris, 4to.

VIOLA ODORATA, Linn., et alt. species.

The Violet, Species of.

1716. WEDEL, G. W. *De Viola martia purpurea. Resp. J. A. B. Grauel. Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*
1718. HENNINGER, J. S. De Viola martia purpurea. Resp. J. B. Wuestenfeld. Argentorati, 4to, pp. 36. *Bibl. Banks.*
1762. TRILLER, D. W. De morte subita ex nimio Violarum odore oborta. Wittembergæ, 4to.
 "Nobilis virgo, quum in cubiculo violarum odore pleno dormiisset, mane moribunda reperta, servari non potuit."—*Haller, Bibl. Bot.*, ii, p. 128.
1763. KESZLER, F. A. *Diss. medica de Viola. Vindobonæ, 8vo, pp. 55. (Ex. in *Wasserberg, Fasc.* ii, p. 324.)
Bibl. Banks; Acad. Edin.
- Species enumerat et describit, sed imprimis pharmaceutici est argumenti.
 —*Haller, Bibl. Bot.*, ii, p. 535.
1785. NIEMEYER, J. H. A. *De Violæ caninæ in medicina usu. Gottingæ, 4to, pp. 27. *Bibl. Banks.*
1813. PIO, J. B. *De Viola, specimen botanico-medicum. Taurini, 4to, pp. 52, tab. 3.
1824. BOULLAY, P. F. G. Recherches analytiques sur la Violette (Viola odorata) et examen de son principe actif comparé à celui de l'Ipécacuanha. (In *Mém. de l'Acad. Roy. de Méd. de Paris*, 1828, p. 417.) Paris.
1856. TIMBAL-LAGRAVE, E. Études pour servir à l'histoire botanique et médicale du genre Viola. Toulouse, 8vo, pp. 16.

VIOLA TRICOLOR, Linn. (V. ARVENSIS, Murray).

The Heartsease, Pansy.

1779. STRACK, E. De Crusta Lactea infantum ejusque remedio (Viola arvensis, *Murray*). Lugd.-Gallorum, 4to.
1782. HAASE, A. *Viola tricolor. Erlangæ, 4to, pp. 34. *Bibl. Banks.*
1786. ECCARD, M. T. *De virtutibus quibusdam Violæ tricoloris, Arnicæ et Asafoetidæ, per experimenta clinica comprobatis. Præs. G. G. Ploucquet. Tubingæ, 4to, pp. 27.

VISCUM ALBUM, Linn.

Mistletoe.

1706. BAIER, J. J. *Diss. medica de Visco. Resp. L. F. Hornung. Altdorfii, 4to, pp. 36.

Bibl. Linn. Soc.; Coll. Surg. Lond. (sub nom. Hornung).

1719. COLBATCH, J. Dissertation concerning Mistletoe, a remedy in Convulsive Distempers. London, 8vo. Third ed. 1723. German transl. Altenberg, 1748, 8vo. French transl. by H. Freeman, Paris, 8vo, 1729. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Auctor in ligno Visci totaque planta specificum quærit adversus epilepsiam idque se putat invenisse. Siccat in furno, et drachmam semis singulis horis exhibet. In convulsionibus et chorea sancti viti vidit profuisse; fallere tamen fatetur et monendi sunt lectores. Asafetidam et alia cum Visco mista fuisse, &c.—Vide *Haller, Bibl. Bot.*, ii, p. 156.

1747. KOELDERER, J. G. *De Visco. Argentorati, 4to, pp. 32. *Bibl. Linn. Soc.; Coll. Surg. Lond.*

1753. BUCHWALD, B. J. DE. *Diss. continens analysem Visci, ejusque usus in diversis morbis. Resp. M. Mackefrang. Havniæ, 4to, pp. 22. *Bibl. Banks.*

1783. PFÜNDEL, C. F. W. *De Spasmis tonicis Visco albo persanatis. Jenæ, 4to, pp. 25.

1796. STURM, B. C. G. *Visci Quercini descriptio botanica, analysis chemica et usus medicus. Jenæ, 8vo, pp. 38. *Bibl. Banks.*

1806. FRASER, H. On Epilepsy, and the use of the Mistletoe of the Oak in its cure. London, 8vo. *Bibl. Med.-Chir. Soc.*

The account of the cases (eleven in number) in which Dr. Fraser experienced the powers of mistletoe is very brief and uncircumstantial, and is preceded by a systematic view of the symptoms, causes, &c., of epilepsy, somewhat after the model of an inaugural dissertation, and abounding with references to authors. To most readers this detail is unnecessary, and it would appear that the object of the author would have been more effectually accomplished by an ample and circumstantial relation of the instances in which the remedy proved serviceable....He has enumerated the names of eighteen authors who have mentioned the efficacy of mistletoe in this disease, from the age of Pliny to the present time, but the majority of them, we fear, will not be deemed more satisfactory than that of the credulous Roman himself.—*Edin. Med. Surg. Journal*, ii, 1806, p. 353.

VITIS VINIFERA, Linn.

The Vine, including the Grape and the "Grape Cure."

1562. ALTOMARI, DONATUS A. AB. De Vinaceorum (Grape stones) facultate et usu. Neapoli, 4to. *Bibl. Med.-Chir. Soc.*

1580. DODOENS, R. Historia Vitis vinique et stirpium nonnullarum aliarum; item medicinalium observationum exempla. Coloniae, 8vo, pp. 168. *Bibl. Banks.; Med.-Chir. Soc.; Linn. Soc.*

Præter botanica, aliqua hic chirurgica et medica adnotata,—*Haller, Bibl. Med. Pract.*, ii, p. 228.

1587. HORSTIUS, J. *Opusculum de Vite vinifera ejusque partibus, &c.* Helmst. 8vo. Redit. in *Herbario Horstiano*. Marpurgi, 12mo, 1630, p. 283-384.

Bibl. Coll. Phys. Lond.; Med. Soc. Lond.

Omphacium, passulas, vinum varii generis, acetum, oxymel, syrupum acetosum dicit, cum viribus medicatis.—*Haller, Bibl. Bot.*, i, p. 358.

1600. FROMMANN, J. C. *Exercitatio Vindemialium prior de uva, posterior de musto.* Colon. 8vo.

1614. CORNARIUS, J. *Theologiæ Vitis viniferae libri tres.* Heidelbergæ, 8vo.

1629. RENDELLA, P. *Tractatus de Vineâ, Vindemia et Vino.* Venetiis, 4to, *Bibl. Linn. Soc.*

1642. SPERLING, J. *De Uva, Musto ac Vino.* Wittebergæ, 4to.

1661. SACHS VON LEWENHAIME, P. J. 'Αμπελογραφία, seu Vitis viniferae ejusque partium consideratio physico-philologico-historico-medico-chymica, in qua tum de Vite in genere quum in specie, de ejus pampinis, flore, lachryma, sarmentis, fructu, Vini multifario usu, de spiritu vini, aceto, vini fece et tartaro, &c. Lipsiæ, 8vo, pp. 670, præf. pp. 70. *Bibl. Med. Soc. Lond.; Banks.*

Præter historiam naturalem vitis et vini collectitiam, longissimo sermone agit de vino admirando et multiplici in arte medica usu. Vini noxæ. Vina artificialia. Similis historia spiritus vini, aceti, tartari, &c.—*Haller, Bibl. Med. Pract.*, iii, p. 107.

1666. HERING, J. E. **De Uva.* Wittebergæ, 4to, pp. 24. *Bibl. Banks.*

1683. CALDENBACH, C. **De Vite.* Tubingæ, 4to, pp. 20. *Bibl. Banks.*

1826. DERNERSON, L. *Histoire naturelle de la Vigne et du Vin.* Paris, 12mo.

Note.—There are several other works on the vine, but they are mainly horticultural.

THE GRAPE CURE.

1843. HIRSCH, M. *Die Weintraubenkur und die Art ihrer Anwendung.* Mainz, 8vo. English transl. by M. C. Heidelberg, 1846, 8vo.

1860. CURCHOD, H. *Étude théorique et pratique sur la Cure des Raisins, étudiée plus spécialement à Vevey, &c.* Vevey, Paris, 8vo, pp. 132, tab. 7.

Table of Contents: History and bibliography—The Vine in Switzerland—The Grape and its composition—Examination of the principal elements found in the grape—Its physiological action—Its therapeutic employment—Manner of taking the grape cure—Vevey considered as a place of cure, &c.

"A very useful guide to the 'grape cure' as practised at one of the most agreeable places to which the valetudinarian can proceed."—*Brit. and For. Med. Chir. Rev.*, Jan., 1861, p. 174.

1860. CARRIÈRE, E. *Les Cures de Petit-lait et de Raisin en Allemagne et en Suisse, &c.* Paris, 8vo, pp. 240.

1860. HERPIN, J. C. Du Raisin considéré comme médicament ou de la Médication par les Raisins. Paris, 12mo, pp. 36.

1865. HERPIN, J. C. Du Raisin et de ses applications thérapeutiques, études sur la médication par les raisins connue sous le nom de Cure aux Raisins ou Ampélothérapie. Paris, 18mo, pp. 364

Un livre à la fois scientifique et pratique traitant de l'ampélothérapie manquait, et M. Herpin a rempli cette lacune par l'ouvrage ci-dessus, traitant à la fois les questions de l'histoire naturelle des différents cepages, la composition chimique des raisins, leurs propriétés physiologiques, et enfin donnant les applications pratiques, et les heureux résultats qu'on peut retirer de cette médication.—*Bulletin Bibliographique*, 1864-5, p. 165.

WARBURG'S DROPS.

1847. ... Pharmakologische Notizen über die Wirkung und den Gebrauch der Dr. Warburg'schen vegetabilischen Fieber-tinctur. Wien, 8vo, pp. 24.

1849. Official documents relative to the trials of Warburg's Fever Tincture (Tinctura Warburgi) in cases of Intermittent and other Fevers, instituted by order of the Austrian Government. Translated from the German. London, 8vo, pp. 87.

1869. ... The Warburg Tincture. London, 8vo, pp. 59.

These pamphlets contain numerous official documents to prove the remarkable curative power of Warburg Tincture in fever, especially in those of tropical climates, its superiority to quinine, both as regards efficacy and economy, and its value as a tonic in debility and convalescence. See notice in *Dublin Quart. Journ. Med. Sci.*, February, 1869, p. 187.

WINTERI CORTEX. Winter's Bark.

1711. SILTEMANN, J. R. *De Cortice Winterano. Erfordiae, 4to, pp. 24. *Bibl. Banks.*

1760. HARSLEBEN, C. F. *De Cortice Winterano [et Canella alba.] Francof. ad Viad. 4to, pp. 36. *Bibl. Banks.*

A full account of this bark, with a botanical description (and plate) by Dr. Solander, and some experiments by Dr. M. Morris, was published by Dr. J. Fothergill in the fifth volume of 'Medical Obs. and Inquiries.' It is reproduced in Fothergill's 'Collected Works,' ed. 1782, p. 406.

ZANTHOXYLUM SORBIFOLIUM, St. Hil.

1874. MICHEL, —. Des propriétés de l'écorce du Zanthoxylum sorbifolium. Paris, 8vo, pp. 7.

ZINCUM, INCLUDING THE CARBONATE, OXIDE AND SULPHATE OF ZINC.

1741. POTT, J. H. Observationes chymicæ circa Zincum, Boracem, &c. Berolini, 4to. *Bibl. Med.-Chir. Soc.*

1771. WIEL, J. P. *Observationes de usu interno Nucis Vomicae et Vitrioli albi in pertinacibus morbis curandis conspicuo.*
Wittembergæ, 4to. *Bibl. Acad. Edin.*

1772. HART, J. *De Zinco, ejusque florum usu medico, observationibus confirmato. Lugd. Bat. 4to. (Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 35, p. 235.)

Bibl. Med.-Chir. Soc. (Schlegel).

The work is divided into three chapters: i, on the nature and origin of zinc in general; ii, on the preparation and properties of its flowers (sulphate of zinc); and iii, on their use in medicine, principally when taken internally. In the latter, the author observes that "the flowers of zinc" had long been used externally in certain eye affections, but that it had never been advised internally by any one except Glauber, till Dr. Gaubius (*Adversaria varii Argumenti*, Lugd. Bat. 1771), discovered it to be the remedy employed by the famous empiric Luddemannus, under the title of *Luna fixata*. After this, he exhibited it with success in the cure of convulsive and spasmodic diseases, notably in epilepsy. Seven cases are adduced by Dr. Hart with the view of confirming the antispasmodic virtues ascribed to this remedy by Dr. Gaubius in his *Adversaria*.—*Duncan's Med. Commentaries*, 1774, vol. i, p. 76.

1776. HURLEBUSCH, G. L. *De Zinco medico. Helmst. 4to, pp. 44.
(Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 36, p. 269.)

Bibl. Banks; Med.-Chir. Soc. (Schlegel).

1778. HARTMANN, P. I. *De Zinci florum usu interno. Traject. ad Viad. 4to. (Idem in *Schlegel, Thes. Mat. Med.*, iii, art. 37, p. 301.)

Bibl. Med.-Chir. Soc. (Schlegel).

1779. BERGMANN, T. *De Zinco. Resp. B. R. Geyer.

Upsaliæ, 8vo.

1780. MARTINI, M. D. *Diss. de Zinco medico recentius observata sistens. Helmstadii, 4to. (Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 38, p. 329.)

Bibl. Med.-Chir. Soc. (Schlegel).

1784. GELLER, E. H. *Diss. Zincum chemicum inquirens.

Jenæ, 4to, pp. 30.

1787. WITHER, T. *Abhandlung von der Engbrüstigkeit und den Heilkräften der Zinkblumen, &c.* Aus d. Engl. von Chr. F. Michaelis.

Leipzig, 8vo.

1787. STOLTE, C. H. *De Vitriolo albo, ejusque usu medico et chirurgico.* Gottingæ, 8vo. Ibid. 1792. (Idem in *Schlegel, Thes. Mat. Med.*, vol. i, p. 327-362.)

Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.; Med.-Chir. Soc.
(Schlegel).

The author has bestowed much labour on this thesis, and has brought together from a variety of sources all that had been written on the medical and surgical uses of the sulphate of zinc. From the enumeration of the diseases in which it had been successfully employed it would appear to be almost a "catholicon"!

1788. FUCHS, G. F. C. *Histoire du Zinc, de ses rapports avec les autres corps, et de son usage dans la médecine et dans les arts* (en Allemand).

Erfurt, 8vo.

1791. KOHLMANN, E. H. A. *Observationes clinicæ quarum ope
Florum Zinci vires in morbis Asthmaticis examinantur.
Erfordiæ, 4to, pp. 19.
1792. KERCKSIG, F. D. *Vide* "Bismuthum," 1792.
1796. BRUNNEMANN, C. G. F. *De præcipuis Zinci calcibus, earum-
que in utraque medicina usu. Præs. A. M. Birnholz.
Lipsiæ, 4to, pp. 26.
1800. PENKZIN, C. F. *De effectibus florum Zinci. Præs. B. C.
Otto. Francof. ad Viad. 8vo.
1802. FRONMÜLLER, J. C. *De Zinci singulari indole chemica.
Erlangæ, 8vo, pp. 38.
1812. KERST, C. F. A. *De Zinco ejusque usu medico præcipue in
Chorea sancti Viti. Jenæ, 4to, pp. 24.
1826. SARTORIUS, G. von, und MONHEIM, J. P. J. Med.-chem. Un-
tersuchung zweier Zink-Vergiftungen. Cöln und Aachen, 8vo.
1830. KÜHN, O. B. *De Sulphate Zincico. Lipsiæ, 8vo, pp. 12.
1841. STEENKISTE, C. VAN. Sur l'efficacité de la Suie de bois, unie
au Sulfate de Zinc dans le traitement des Maladies de la Peau.
Bruges, 8vo.
1842. ORFILA, M. J. B. Mémoire sur l'absorption des sels de Plomb
...de Zinc, &c. Paris, 8vo, pp. 20.
1870. VOISIN, A. Contribution à la thérapeutique de l'Épilepsie
par les préparations de Cuivre et de Zinc. Paris, 8vo, pp. 15.
1874. PUYGANTHIER, H. *De l'emploi de l'Oxyde de Zinc dans le
traitement de la Diarrhée. Paris, 4to.

ZINCI CHLORIDUM.

Chloride of Zinc.

1808. ALTHERR, P. *De usu medicinali Zinci Muriatici.
Dorpati, 8vo, pp. 52.
1835. CANQUOIN, —. Mémoire sur un nouveau mode de traitement
des Affections Cancéreuses. Paris, 8vo, pp. 26.
Advocates the use of a paste of the chloride of zinc as a local application.
1836. BUREAUD-RIOFFREY, A. M. New treatment of Malignant
Diseases and Cancer, without incision, by caustics, principally the
Chloride of Zinc. London, 8vo, pp. 78. *Bibl. Med.-Chir. Soc.*
1843. SCHRÖDER, T. *De Zinco Muriatico. Lipsiæ, 8vo, pp. 70.
1851. HEILMANN, C. Diss. de Zinco Chlorato.
Gryphiswaldæ, 8vo, pp. 24.
1859. SALMON, A., et MANNOURY, —. Recherches expérimentales
et cliniques sur les caustiques, Potasse, et Chlorure de Zinc.
Paris, 8vo, pp. 54.

1862. HENDRIE, J. Chloride of Zinc in Cancer. Manchester, 8vo.
Bibl. Manchester Med. Soc.
1866. MORGAN, CAMPBELL DE. On the use of the Chloride of Zinc in surgical operations and injuries, and especially in operations for the removal of Cancerous Tumours. (Ex. in *Brit. and For. Med.-Chir. Rev.*, Jan., 1866, p. 201-214.) London, 8vo.
 The author's remarks on the use of this caustic and on the cases adapted for its employment are interesting and judicious.
1874. SIMBAT, P. *Sur l'emploi du Chlorure de Zinc dans le traitement des Fistules. Paris, 4to.
1875. FRANCHIS, R. *De l'emploi du Chlorure de Zinc dans quelques affections cutanées (Adénites scrofuleuses et Syphilide tuberculo-ulcéreuse). Paris, 4to.

ZINCI LACTAS.

Lactate of Zinc.

1856. CASTHELAR, —. *Études sur le Lactate de Zinc. Paris, 4to, pp. 24.
1856. HERPIN, T. Études sur le Lactate de Zinc dans l'Épilepsie. Batignolles, 8vo.

ZINCI PHOSPHAS.

Phosphate of Zinc.

1868. DEMAGNY, G. *Quelques considérations sur le Phosphure de Zinc. Paris, 4to.

ZINCI VALERIANAS.

Valerianate of Zinc.

1844. GALVANI, A. Considerazioni e metodo di preparazione del Valerato di Zinco. Venezia. *Bibl. Manchester Med. Soc.*
1856. OURGAUD, —. De la Sidérose ou Choléra morbus et de son traitement par la Valérianate de Zinc. Paris, 8vo, pp. 34.

For some interesting remarks on the therapeutic uses of the valerianate of zinc by Drs. Fario, Devay, and others, see *Edin. Monthly Journ. of Med. Sci.*, Jan. 1845, p. 67, *seq.*

ZINGIBER.

Ginger.

1723. GESNER, J. A. *Diss. de Zingibere. Altdorff, 4to, pp. 32.
Bibl. Banks.

APPENDIX

CONTAINING THE BIBLIOGRAPHY OF

WATER,

SEA-WATER,

AND

MINERAL WATERS OF GREAT BRITAIN.

W A T E R.

WATER.

(Exclusive of systematic Treatises on Baths and of Works relating to Hydropathy.)

1542. BLONDUS, M. A. De partibus ictu sectis citissime sanandis et medicamento Aquæ nuper invento, &c. Venetiis, 8vo.
1550. ROT, S. De salubritate lotionum capitis, et balneorum Aquæ dulcis. Lipsiæ, 4to.
1559. CARDAN, H. Opuscula artem medicam exercentibus utilissima. Basileæ, folio. Redit. in ejus Opera Omnia cura C. Sponii. Lugd. Bat. 1663, 10 vols. folio.

Cardan appears to have been a great "water doctor." Haller, commenting on his 'Opuscula,' observes:—"Valde laudat aquæ usum. Lixivio caput lavare, deinde frigidam superfundere jubet, id sibi felicissime succedere... Noster sola aqua ter febrem ardentem curavit, eam aquam sursum et deorsum purgare: in febre pestilenti ac hectica summum esse remedium.—Haller, *Bibl. Med. Pract.*, ii, p. 20.
1570. PALATIUS, P. De vera methodo quibuscumque Vulneribus medendi cum Aqua simplici, &c., constat. Perusiæ, 8vo.
1591. NEHEMIAS, A. Methodus medendi universalis per sanguinis emissionem, &c. De tempore Aquæ frigidæ in Febris ardentibus ad satietatem exhibendæ. Venetiis, 4to. Alt. ed. 1604, 1605.
1604. COSTEUS, J. De potu in morbis tractatus, in quo de Aquis, Vino, &c., disseritur. Papiæ, 4to.
1616. XIMENES, F. Tratado de la grande excelencia de la Agua, y de sus maravillas virtudes calidades y election; y de buen uso de rafriar con nieve. Seville, 4to.
1623. CASERTA, F. A. Tract. duæ. 1. De natura et usu Aquarum potabilium, tum in sanis tum in ægris corporibus. 2. De natura et usu Vinorum tum in sanis, tum in ægrotis. Neapol. 4to. English transl. (of Tract 1), London, 1814, 8vo. *Bibl. Roy.*
1626. (Anon.) Traité des vertus médicinales signalées de l'Eau commune. Paris, 12mo.
1629. GUTTIEREZ DE GODOY, J. Quæstio medico-practica de administranda Aqua nive refrigerata ægroto die expurgationis. Granat. 4to.
1637. CARDOSA, F. Utilidades del Agua, y de la nieve, del beber frio y caliente. Madrit, 8vo.

1645. HERILACUS, P. *Aquarum natura et facultates, vinorum et aquarum effectus comparati.* Francof. 12mo.
Bibl. Med.-Chir. Soc.; Radcliffe.
1649. HEYDEN, H. VAN DER. *Discursus: 1. Seri Lactis. 2. Aquæ frigidæ inter inauditos ac incredibiles alios effectus. Podagræ dolores vel sistentis vel mirabiliter demulcentis, ac Ischiadicis novitios penitus extirpantis, ac secure absque omni suppuratione et defiguratione, primo apparatu persanantis Vulnura, &c.* Gandavi, 12mo. English transl. London, 1653.
Bibl. Coll. Phys. Lond.
1656. SHORT, R. *Of Drinking Water, and of Warm Drink.* London, 12mo.
Bibl. Med. Soc. Lond.
1660. ULACVELD, J. *Hydropota, ἐλεγχόμενος, seu refutatio falsissimæ opinionis, qua Aquæ frigidæ potum etiam illo cerevisiæ salubriorem esse contendit Galenus de Haen.* Harlem, 4to.
1675. CORREA, P. *Tractatus de modo cibandi...de Aquæ frigidæ usu, &c.* Romæ, 4to.
1684. MONEGLIA, J. A. *De Aquæ usu medico in Febris.* Florent. 12mo.
Bibl. Coll. Phys. Lond.
1689. MEIBOMIUS, H. **De Aquæ calidæ potu.* Resp. B. D. Behrens. Helmstad. 4to.
Bibl. Med. Soc. Lond. (sub nom. Behrens).
Laudat in colica, in malo hysterico, in podagra, in asthmate, in phthisi, in urgente siti febris tertianæ.—*Haller, Bibl. Med. Pract.*, iii, p. 160.
1691. BROWNE, A. *New Cure for Fevers (Water).* Edin. 12mo.
Bibl. Med. Soc. Edin.
1706. BROWNE, A. *Account of the wonderful cures performed by the Cold Baths, with advice to water drinkers.* London, 12mo.
Bibl. Med.-Chir. Soc.
1712. HOFFMANN, F. **Diss. de Aqua medicina universali.* Halæ, 4to.
1716. HOFFMANN, F. **Diss. de Aquæ natura ac virtute in medendo.* Halæ, 4to.
In addition to the above, there are several other dissertations on water and its uses, by F. Hoffmann.
1722. HANCOCKE, J. (D.D.). *Febrifugum Magnum, or Common Water, the best cure for Fevers, and probably for the Plague.* London, 8vo. Seventh ed. 1724. German transl. by E. F. Oertel, Stuttgart, 12mo, 1834. French transl. by J. P. Niceron. Paris, 1822? 12mo.
Bibl. Med.-Chir. Soc.
This work gave rise to a large number of anonymous and other pamphlets, some of which are mentioned below.
1722. TODARUS, J. *Aquæ frigidæ vindicatio.* Panmori, 4to.
Bibl. Lond. Med. Soc.
1723. GABRIEL, JOHN ("a seventh son, and teacher of the occult sciences in Yorkshire"). *Flagellum, or a dry Answer to Dr. Hancocke's wonderfully comical liquid book.* London, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1723. SMITH, J. The curiosities of Common Water, or advantages thereof in distempers. Second ed. London, 8vo. Sixth ed. 1724. French transl. Paris, 1726, 8vo. German transl. Leipzig, 1784, 8vo. Dutch transl. Amst. 1726, 8vo.
Bibl. Med.-Chir. Soc.; Roy. (French and Dutch transl.)
1723. VERDRIES, J. M. *De Aquæ frigidioris potu utili et noxio in Febribus ardentibus. Giessæ, 4to.
1724. HEYDEN, H. VAN DER. Arthritifugum magnum, a discourse on the wonderful virtues of Cold Water in gout, stone, palsey, &c. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*
This appears to be a popular English adaptation of the work of H. van der Heyden, 1649.
1725. SHORT, T. A rational discourse on the inward uses of Water. London, 8vo. *Bibl. Coll. Surg. Lond.; Lond. Med. Soc.*
1725. VALLISNERI, A. Dell' uso e dell' abuso delle bevande e bagnature calde e fredde, &c. Modène, 4to.
Bibl. Med. Soc. Lond.
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1726. HANCOCKE, —. Febrifugum Magnum, Morbifugum Magnum, or Common Water good for many distempers not mentioned in Hancocke's 'Febrifugum Magnum.' London, 8vo.
Bibl. Med.-Chir. Soc.
1726. NOGUEZ, —. The physical use of Common Water recommended from France. London, 8vo. *Bibl. Med.-Chir. Soc.*
1727. CRESCENZO, N. Ragionamenti intorno alla nuova Medicina dell' Acqua. Napoli, 4to. Idem, Verona, 8vo, 1741.
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1730. BOUDON, —. Les vertus médicales de l'Eau commune ou Recueil des meilleures pièces, &c. Paris, 2 vols. 12mo.
These volumes contain thirteen dissertations on water, including those of Hoffmann, Hancocke, Smith, &c.—*Méret et De Lens.*
1732. LAMORIER, L. De l'usage de l'Eau commune en chirurgie. Paris.
1733. SANCASSANI, D. A. De utilitate Aquæ frigidæ. Venet. 4to.
1735. MALMEDIE, J. B. DE. De natura Aquæ et quænam sit saluberrima. Augustæ, 8vo. *Bibl. Roy.*
1737. ROGISS, C. G. Specimen de Aquæ salutari in forum medicum influxu et fere optimo contra universos morbos præsidio. Wratisl. 4to. *Bibl. Roy.*
1740. FISCHER, D. De remedio rusticano: Variolas per balneum primo Aquæ dulcis, post vero Seri Lactis feliciter curandi, in Comitatu Arvensi Hungariæ superioris, cum optimo successu adhibito, commentatio. Erfordiæ, 4to. *Bibl. Roy.*

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Koppehn. 8vo.
1743. COCCHI, A. *Diss. sopra l'uso esterno appresso gli antichi dell' Acqua fredda sul corpo umano.* Firenze, 12mo.
Bibl. Med. Soc. Lond.
1743. HAHN, J. S. *Unterricht von der Kraft und Wirkung des frischen Wassers in die Leibe der Menschen.* Breslau, 4to. Idem, Breslau und Leipzig, 1754; Nürnberg, 1834; Weimar, 1839.
1747. HOFFMANN, J. A. *Diss. de usu et virtute Aquæ simplicis.*
Herborn, 4to.
1752. SMOLLETT, T. *An Essay on the external use of Water.*
London, 4to. Alt. ed. 1767-1770. *Bibl. Med.-Chir. Soc.*
1754. BONIS, J. B. DE. *Hydrosia sive de potu Aquæ in morbis libri quatuor.*
Neapol. 4to.
- 1756-1758. LUCAS, C. *An Essay on Waters in three parts, treating 1st, of simple Waters, 2nd, of cold medicated Waters, and 3rd, of natural Baths.* London, 3 vols. 8vo. French transl. Liege, 1765, 8vo. German transl. by J. C. Zeiher, Altenburg, 1768-69, 3 vols. 8vo.
Bibl. Coll. Phys. Edin.
- A very superior work; in it Lucas displays so much clear sightedness and knowledge of the then state of chemistry that we cannot help regarding him as one of the ablest chemists of that day in Ireland.—*Sullivan, in Dublin Quart. Journ. Med. Sci.*, viii, p. 477.
1758. CARTHEUSER, J. F. *Rudimenta Hydrologiæ systematicæ.*
Francof. ad Viad. 8vo.
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1761. HOFFMANN, F. *Essay on Water, proving it to be an universal medicine for preventing and curing diseases.* London, 8vo.
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1762. LUDWIG, C. G. *Programma de Aquarum bonitate a magistratu curanda.*
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1767. GLASS, T. *On Smallpox...and on Cold Air and Cold Water in Putrid Fevers.* London, 8vo.
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London, 8vo. *Bibl. Acad. Edin.*
1774. GRIFFIN, J. T. **De potionis frigida in Febribus.* Edin. 8vo.
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1774. SIMS, J. **De usu Aquæ frigidaæ interno.* Edin. 8vo.
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1776. ENGELHART, F. J. *Diss. sistens effectus Aquæ communis.*
Vindobonæ, 8vo. *Bibl. Coll. Surg. Lond.*
1776. DE HERSFELD, ST. *Diss. de Aquæ communis differentiis, usu et viribus.*
Pragæ, 4to.

1776. MONETA, C. J. VON. Abhandlung dass die Kälte und das kalte Wasser in Katarrhalkrankheiten wahre Heilmittel sind. Warschau, 8vo.
1778. ATHILL, S. B. *De usu Aquæ frigidæ externo. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1780. DAUTER, N. E. De usu Aquæ frigidæ externæ topico. Gottingæ, 4to. *Bibl. Med. Soc. Edin.; Acad. Edin.*
1783. KÜHN, C. G. *De saluberrimo usu Aquæ frigidæ externæ applicatæ in sistendis Hæmorrhagiis internis. Præs. J. C. A. Mayer. Traject. ad Viad. 4to, pp. 15.
1783. MACQUART, L. C. R. Manuel sur les propriétés de l'Eau, particulièrement dans l'art de guérir. Paris, 8vo. *Bibl. Roy.*
1783. NICOLAI, E. A. Programmata de usu Aquæ frigidæ externo. Jenæ, 4to.
1784. DAUTER, N. E. Von dem äusserl. Gebrauche des kalten Wassers in verschiedenen krankheiten des menschl. Körpers. Leipzig, 8vo.
1785. PUETTMANN, F. J. *De usu Aquæ frigidæ in Hæmorrhagiis Uteri. Argentom. 4to, pp. 38.
1786. LOMBARD, C. A. Opuscles de Chirurgie...sur les propriétés de l'Eau froide et chaude dans la cure des maladies chirurgicales. Strasbourg, 8vo. German transl. Leipzig, 1787, 8vo.
1786. ZWEIGEL, J. F. *De Aquæ frigidæ usu secundum doctrinam veterum. Resp. —. Goldhagen. Halæ, 4to. *Bibl. Coll. Phys. Edin.*
1788. GRÜNDLER, T. F. *Diss. medica de Aquæ frigidæ usu medico externo. Gottingæ, 8vo, pp. 36. *Bibl. Roy.*
1790. BOBE-MOREAU, J. B. *An Aqua frigida sit cœteris potionibus anteponenda in curandis morbis. Rheims, 4to.
1790. LEWIS, P. Philosophical inquiry into the nature and properties of common Water, with observations on its medical qualities. London, 8vo. German transl. Stendal, 1792, 8vo.
1793. MUSTOPH, A. F. De usu Aquarum medico. Gottingæ, 8vo. *Bibl. Roy.*
1797. CURRIE, J. Medical Reports on the effects of Water, cold and warm, as a remedy in Fever and febrile diseases, whether applied to the surface of the body or used internally. Liverpool, 8vo. Has been through several editions; 5th, 1814. German transl. by C. F. Michaëlis and F. H. Hegewisch, 2 vols. 8vo, Leipzig, 1801-1807. *Bibl. Med.-Chir. Soc.*

A standard work of considerable merit in every point of view. To Dr. Currie is due the credit of having been the first, in Great Britain at least, to introduce the practice of employing cold affusion in fevers, and although his views and practice met at the time with considerable opposition, subsequent recent experience has shown conclusively that they were based on solid and scientific basis.

1797. ZELLER v. ZELLERBERG, S. On Cold Water in Surgery (to wounds, hæmorrhages, &c.) *Vide* "Spongia," 1797.
1799. SILVA, H. M. DA. *De externa, præcipue in Febribus, Aquæ frigidæ applicatione. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1802. TRAILL, T. S. *De usu externo Aquæ frigidæ in Typho. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
- 1803 (Ann. xi.) CANAT, B. J. Observations sur l'usage tant intérieur qu'extérieur de l'Eau froide et de la Glace dans les maladies internes, d'après la pratique des auteurs anciens et modernes les plus célèbres. Montpellier, 4to, pp. 67.
1803. CLÉMENTEAU, B. Propositions générales sur les propriétés et l'usage de l'Eau. Paris, 8vo.
1804. BANISTER, T. B. *De usu Aquæ frigidæ externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1804. EDLIN, A. An account of two cases of Gout which terminated in death in consequence of the external use of Ice and Cold Water. Uxbridge, 12mo, pp. 24.
- This pamphlet contains in fact but one case upon the authority of Mr. Edlin's personal experience; for the second, which is mentioned in a note, is merely given from the recollection of two old women, and occurred thirty years previously! In the former, the cold application was speedily and effectually beneficial, for it entirely removed the pain in less than three hours, but palpitation, &c., is said to have supervened in a few hours, and having recurred once in the interval of a week, a third attack then proved fatal! A reply was published by Dr. R. Kinglake. Taunton, 8vo, 1804. See notices of both pamphlets in *Edin. Med. Surg. Journ.*, vol. i, 1801. p. 209.
1804. KEITH, J. *De Aquæ in Febre continua usu externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1805. STOCK, J. E. Medical collections on the effects of Cold as a remedy in certain diseases. With an Appendix containing an account of some experiments made with a view to ascertain the effects of Cold Water upon the pulse. London, 8vo, pp. 200. *Bibl. Med.-Chir. Soc.*
1805. MALLONAY, D. T. *De usu Aquæ frigidæ in Febribus. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1805. FAULEAU, —. *Avantages de l'Eau dans l'empoisonnement par les substances minérales. Paris, 8vo.
1806. GOMES, B. A. Methodo de curaro Tyfo, ou febres malignas contagiosas, pela effusão d'Agua fria, &c. Lisboa, 8vo.
1808. JACKSON, R. An Exposition of the practice of affusing Cold Water on the surface of the body as a remedy of Fever, to which are added some Remarks on the effects of cold drinks, &c. London, 8vo, pp. 429. *Bibl. Med.-Chir. Soc.*

Dr. Jackson differs from Dr. Currie on two points:—1. He considers "susceptibility of impression," whatever that may mean, as a better indication of the propriety of cold affusion in fever than an increased temperature of the surface, advocated by Dr. Currie; and—2. He regards "aspersion," *i. e.* sprinkling the surface with cold water as preferable, under certain circumstances, to general affusion as practised by Currie. For consideration of

these views see *Edinb. Med. Surg. Journ.*, v, 1809, p. 112, and *London Med. Phys. Journ.*, xx, 1808, pp. 81 and 164.

1808. KENNEDY, R. *De Aquæ natura atque usu. Edin. 8vo.
Bibl. Edin. Coll. Phys.
1808. KOLBANY, P. Beobachtungen über den Nutzen des lauen und kalten Wassers im Scharlachfieber. Presburg, 2 vols. 8vo.
1809. CHANDRU, J. *Diss. sur l'usage de l'Eau comme moyen curatif. Paris, 4to.
1809. KERN, V. Avis aux chirurgiens pour les engager à accepter et à introduire une méthode plus simple, plus naturelle et moins dispendieuse dans le pansement des blessés. Vienne, 8vo, pp. 22.
German transl. by J. B. Schaul, Stuttgart, 1810, 8vo, pp. 24.
Recommends universally cold or tepid water, with rest, as the sole dressing for wounds, to the exclusion of all other cleansing applications.—See *Edin. Med. Surg. Journ.*, April, 1817, p. 149.
1810. FLATOW, A. F. *De Aquæ frigidaë usu in Scarlatina. Halæ, 8vo, pp. 37. *Bibl. Manchester Med. Soc.*
1810. RIVIÈRE, J. L. *Considérations sur quelques-unes des propriétés de l'Eau douce. Paris, 4to, pp. 33.
1810. ZANG, C. B. Würdigung der vom Hrn. Prof. Kern in Vorschlag gebrachten neuen Methode Wunden zu heilen. Wien. 8vo, pp. 158.
Criticises admirably the mode of treatment proposed by Kern.—*Edin. Med. Surg. Journ.*, April, 1817, p. 149.
1811. DE CASTRO, M. C. *De Aquæ frigidaë in Pyrexiiis usu externo. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1811. NESSI, G. Discorso intorno all' uso dell' Acqua come rimedio interno ed esterno. Pavia, 8vo. *Bibl. Med.-Chir. Soc.*
1811. ZIMMERMANN, C. J. De Aquæ frigidaë usu medico. Erlangæ, 8vo.
1812. ALLIHN, J. C. H. *De moderando Aquæ frigidaë usu externo in diversis morbis curandis. Wittemberg, 8vo.
1812. SPEER, T. C. *De natura Aquæ. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1815. SMITH, H. *De usu Aquæ frigidaë externo in Febris. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1815. YPEY, N. *De actione frigoris in corpus humanum, potissimum Aquæ frigidaë in morbis Typhoideis. Lugd. Bat. 4to. *Bibl. Roy.*
1816. DZONDI, C. H. Ueber Verbrennungen und das einzige sichere Mittel sie in jedem Grade schnell und schmerzlos zu heilen. Halæ, 8vo. 2 Ausg. 1825.

The object of this treatise is to show that *cold water* is the first, greatest, and most powerful, nay, the only remedy, for preventing the worst consequences in cases of burns if applied timely and with perseverance. The author's conviction of its efficacy is founded partly on experiments made on animals and on himself, and partly on the success which attended the cold water treatment in practice; he also attempts to prove it *a priori*.—See Review in *London Med. Phys. Journ.*, xxxvi, 1816, p. 239-246.

1817. CHERMSIDE, R. A. *De Aquæ frigidæ in Febribus usu.
Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1817. O'REILLY, J. *De Aquæ frigidæ in Pyrexiiis tractandis præstantia. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1818. SCHMIEDER, E. F. W. *Diss. sistens Typhi stupidi Affusionibus frigidis sanati exemplum; adnexis nonnullis qua usus Aquæ frigidæ tum externis, tum internis spectant historiam, fragmentis.
Vratislariæ, 4to.
1818. SUSEMÜHL, D. H. *De Aquæ frigidæ vi et efficacia.
Rostochii, 4to, pp. 40.
1818. FRÖLICH, A. Abhandlung vom dem auffallenden Nutzen des kalten und lauen Wassers in einigen Fieberkrankheiten und dem Scharlach. *Wien, 8vo, pp. 82.*
1818. PREVOST, J. L. *De Balnei et Affusionis usu in quibusdam morbis. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1818. GIANNINI, G. Della natura della Febbri e dei metodi di curarle, &c.; sull' uso delle immersione fredde e calde, &c. Ediz. 2.
Napoli, 2 vols. 8vo.
- I am unable to ascertain the date of the first edition of this work, but it was prior to 1808, as in that year a French translation of it was published by N. Heurteloup. (Paris, 2 vols, 8vo.)
1819. JONES, G. H. *De usu Aquæ et methodis eam ad more servandi. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1820. FRÖLICH, A. Abhandlung über die kräftige, sichere und schnelle Wirkung der Uebergiessungen oder der Bäder vom kaltem und lauwarmen Wasser in Faul-, Nerven-Gallen-, Brenn-, und Scharlachfieber, den Masern, und in einigen andern langwierigen Krankheiten. *Wien, 8vo, pp. 294. Bibl. Roy.*
1820. SATTERLEY, G. B. *De balnei usu in Febribus. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1822. DUTERTRE, —. Remèdes des Fièvres ordinaires, ou Mémoire sur l'emploi extérieur de l'Eau froide dans le traitement des fièvres.
Mans, 8vo, pp. 16.
1823. BEHN, J. C. W. *De Aquæ frigidæ usu et abusu in Febribus.
Kiliæ, 4to, pp. 26.
1823. JACKSON, G. *De frigida Affusione in Febribus, cum observationibus de Comitatus Meatt epidemica apud Navan. annis 1816-17. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1824. MESTRE, J. A. *Effets physiologiques immédiats de l'Eau appliquée à la surface du corps. *Paris, 4to.*
1824. FRÖLICH, A. Gründliche Darstellung des Heilverfahrens in entzündlichen Fiebern überhaupt und insbesondere in Scharlach, mittelst der Anwendung des lauwarmen, kühlen und kalten Wassers, durch Waschungen, Bäder und Uebergiessungen.
Wien, 8vo, pp. 152.

1825. SACHS, A. *De Aquæ communis applicatione externa.
Berolini, 8vo.
1825. WISELIUS, S. I. *De Aqua frigida ejusque actione in hominem tum sanum tum morbosum.
Amst. 8vo.
Bibl. Edin. Coll. Phys.
1826. ÖRTEL, E. F. *De Aquæ frigidæ usu Celsiano.
Monachii, 4to.
1826. NOLAN, J. *De usu Aquæ in Inflammatione.
Edin. 8vo.
Bibl. Edin. Coll. Phys.
1827. DE VITRE, E. D. *De Affusione frigida in Febris curatione.
Edin. 8vo.
Bibl. Manchester Med. Soc.
1828. HENCKEL, C. F. W. *De Aquæ frigidæ in quibusdam morbis Febrilibus usu.
Rostochii, 8vo.
1828. RYAN, M. Remarks on the supply of Water to the Metropolis; with an Account of the natural history of Water.
London, 8vo.
Bibl. Coll. Surg. Lond.
1829. BLACK, A. *De Aquæ in Febribus usu.
Edin. 8vo.
Bibl. Manchester Med. Soc.
1831. ÖRTEL, E. F. Die indische Cholera einzig und allein durch kaltes Wasser vertilgbar. Nürnberg, 4to, pp. 20. French transl. Paris, 1831, 8vo, pp. 32.
1831. ÖRTEL, E. F. Victoria! Kaltwasser hat die Cholera besiegt.
Nürnberg, 8vo, pp. 23.
1833. KNIE, J. A. De Aquæ frigidæ viribus, effectu et applicatione externa.
Dorpati, 8vo, pp. 88, tab. 1.
- 1834.CHANTELOU, F. *Usage de l'Eau commune en médecine.
Paris, 4to.
1834. DUVAR, J. M. *Usage de l'Eau en médecine.
Paris, 4to.
1835. PHILIPPAR, J. *Emploi thérapeutique de l'Eau froide.
Paris, 4to.
1835. SCHULZE, A. Die heilsamen Wirkungen des kalten Wassers.
Quedlinburg, 8vo.
1835. JOSSE, M. (*fls*). Mélanges de Chirurgie Pratique : Emploi de l'Eau par la méthode des Affusions, &c. D'après la Clinique Chirurgicale de...M. Josse senior, &c.
Paris, 8vo, pp. 366 (plates).
- A practical work, embracing the results of very considerable experience. Cold water is the almost universal means proposed by the author as combating inflammation and its consequences. He devotes a chapter to each of the following affections in which he employed cold water with success. Erysipelas, phlegmon, burns, contused wounds, and gangrene. He has other chapters on dressing wounds (with water) and on the opening of abscesses. Analytical review in *Brit. and For. Med.-Chir. Rev.*, January, 1837, p. 114 *et seq.*
1835. MATIEGKA, F. *De Aquæ frigidæ usu quum interno, tum externo.
Pragæ, 8vo, pp. 74.

1836. ROBERTY, —. *Emploi de l'Eau froide dans le traitement des Plaies. Paris, 4to.
1836. MARTINEAU, E. *Application de l'Eau froide dans le traitement des Inflammations. Paris, 4to.
1836. ICHON, C. *De l'Irrigation continue d'Eau froide dans le traitement des Plaies des Articulations et des Tumeurs blanches. Paris, 4to, pp. 27.
1836. HEYCK, J. H. W. *De Aqua frigida secundum methodum Currieanam in Febribus adhibita. Kiliæ, 8vo, pp. 111.
1838. KOCH, C. A. Das kalte Wasser, &c. Leipzig, 8vo, pp. 304.
1838. LICHENTHAL, P. Idrologia medica, ossia l'Acqua commune e l'Acqua minerale, loro natura, uso diatetico e medicinale, &c. Novaro, 8vo, pp. 338.
1838. RICHTER, C. A. W. Versuch zur wissenschaftlichen Begründung der Wasserkuren. Friedland, 8vo. *Bibl. Manch. Med. Soc.*
1839. WEIGERSHEIM, N. Das Kaltwasser für immer, &c. Berlin, 8vo, pp. 83.
1839. WRIGHT, M. B. Lecture on the physiological and therapeutical uses of Water. Lexington, U.S., 8vo, pp. 23.
1839. WULZINGER, M. Hydrologia, oder die Heilkraft des Wassers, &c. Passau, 8vo, pp. 142.
1839. HURST, C. *On the physical, chemical, and medical properties of Water. Edin. 8vo, pp. 45.
1840. MÜLLER, J. O. Das Kaltwasser in seinen heilkräftigen Beziehungen, zur Zahnkrankheit, &c. Wien, 8vo, pp. 88.
1840. STUBE, A. *Ueber die Anwendung des Kaltenwassers. Würzburg, 8vo, pp. 71.
1840. SINGOWITZ, H. S. Die Wirkungen des kalten Wassers, &c. Berlin, 8vo.
1840. GROSS, J. L'Eau fraîche, comme excellente diététique et admirable curatif, ou des vertus médicales de l'eau fraîche et de son usage, &c., trad. de l'Allemand. Leipzig, 8vo.
1842. MALGAIGNE, J. F. De l'Irrigation dans les maladies chirurgicales. Paris, 8vo, pp. 75.
1843. WEATHERHEAD, G. H. On the cure of Gout and Rheumatism by Cold Water. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*
1844. GÜNTHER, G. B. Nonnulli de externo Aquæ in morbis chirurgicis usu aphorismi. Lipsiæ, 4to, pp. 7.
1844. WEEKES, H. The Warm Water remedy. A treatise on the Warm, Vapour, and Medicated Baths, with directions for their use, &c. London, 12mo.

This is a mere *brochure*, containing very little either of novelty or interest; the portion which is most interesting is that which relates to the "medicated bath."—*London Med. Gazette*, January 5th, 1844, p. 455. Notwithstanding the above condemnation, the same journal gives a long

extract from the work on the subject of medicated baths, which appears to me to be very interesting and to afford some useful hints on the subject of fumigation.

1845. MAYO, H. *The Water Cure, its use and misuse examined.* London, 8vo.

From the ignorant promulgator of such a system (as Hydropathy) we cannot expect to learn its real value, but when an enlightened and duly qualified person comes to devote himself to its examination, we then get possession of facts, well observed, showing what is true and what false about it...From Dr. Mayo's observations it is evident that he has stripped the water cure of its preposterous extravagances, both in pretension and practice, and that it becomes in his hands nothing more than "a more extended and scientific use of cold bathing."—*Dublin Journ. Med. Sci.*, xxviii, 1845, p. 123.

1847. ZIPPERLEN, J. B. *Wirkung und Anwendung des kalten Wassers im Allgemeinen, &c.* Hanau, 8vo, pp. 212.

1847. HARTSHORNE, H. *Water versus Hydropathy; or, an Essay on Water and its true relations to medicine.* Philadelphia, U.S., 12mo, pp. 131.

The object of this book is to inquire into the positive and proper use of water in medicine. The author's views and illustrations, though thrown together carelessly, and often loosely expressed, are in the main correct, and it is evident that had he not confined his exposition of the leading topics within too narrow limits, he would have done himself greater justice, while his general conclusion, namely, that hydropathy is a delusion of the most dangerous character, would have been even more fully sustained.—*Amer. Journ. Med. Sci.*, October, 1847, p. 444.

1847. JAHNNEL, J. *Petit traité pratique des Eaux potables au point de vue de l'hygiène civile et militaire, &c.* Bordeaux, 8vo, pp. 43, pl. 2.

1849. MULLER, A. **De l'emploi de l'Eau froide et de la Glace en chirurgie.* Paris, 4to, pp. 36.

1849. SCHIEFERDECKER, C. C. *On the invariably successful treatment of Cholera with Water.* Philadelphia, 8vo, pp. 32.

The production of a German hydropathist. The author's own experience appears to have been very small, but he quotes largely from "the immortal V. Priessnitz," and others of the same class.—*Lancet*, April 20th, 1850, p. 479.

1850. AMUSSAT, A. A. **De l'emploi de l'Eau en chirurgie.* Paris, 4to, pp. 90. English transl. by Dr. F. H. Hamilton, Buffalo, U.S., 1851, 8vo, pp. 62.

Contains much that is valuable and true in reference to the use of water in surgery. Though it presents nothing specially novel, or highly scientific, it is not the less a useful essay.—*Amer. Journ. Med. Sci.*, October, 1852, p. 478.

1850. BELL, J. *Dietetical and Medical Hydrology. A treatise on Baths, including cold, sea, warm, hot, vapour, gas, and mud Baths, also on the Watery Regimen, Hydropathy, and Pulmonary Inhalation, &c.* Philadelphia, 12mo, pp. 658.

An exhaustive treatise on the various uses of water.

1850. PETRASI, C. *Die Verhütung und Heilung der Hämorrhoiden und ihre Folgekrankheiten durch Kaltwasser.* Kiel, 8vo.

1851. PAGLIARI, G. Cenno del Dr. C. Sedillot sopra gli effetti emostatici dell' Acqua. Roma, 8vo, pp. 27.
1853. BECKER, C. Die Cholera, ihre Ursachen und ihre Heilung durch Wasser. Cöthen, 8vo, pp. 54.
1853. FRÄNKEL, L. Die Behandlung der Fieber, fieberhaften Hautausschläge und der primären Syphilis mit Wasser. Berlin, 8vo, pp. 144.
1853. COMBES, E. De l'emploi de l'Eau froide à l'extérieur comme moyen hygiénique et reconstituant. Paris, 4to, pp. 30.
1854. BULLEY, F. A. Account of some cases of Epidemic Cholera successfully treated by Hot Water applications. London, 8vo, pp. 34.
- The treatment advocated in this pamphlet is based on the principle laid down by Brown-Séquard, that diminution of temperature is the proximate cause of death in cases of poisoning. The object of treatment in cholera, therefore, the author contends, should be to maintain the temperature, and for this purpose he advocates hot-water packing, and he relates six cases successfully treated by this method, the only adjunct being some aromatic medicines internally.—*Med. Circular*, December, 1852, p. 432.
1854. DAVIOT, L. *De l'emploi de l'Eau dans les maladies chirurgicales. Paris, 4to, pp. 38.
1855. BINZ, C. Analecta de Aqua pura therapeutice adhibenda. Bonn, 8vo, pp. 33.
1855. RICHTER, C. A. W. Die Cholera durch kaltes Wasser zu verhüten und zu heilen. Berlin, 8vo, pp. 14.
1856. CORDONNIER, O. *L'influence de l'Eau prise comme boisson sur l'homme sain et sur l'homme malade. Paris, 4to, pp. 46.
1856. LEVY, E. *De l'emploi des Affusions froides dans le traitement de la Méningite. Strasbourg, 4to, pp. 44.
1858. DAUVERGNE, —. Du traitement des Fièvres Intermittentes rebelles par l'Eau froide, au moyen des procédés les plus simples et les plus faciles. (Ex *Bull. Gén. de Thérapeutique*.) Batignolles, 8vo, pp. 8.
1858. PREISS, E. Physiologische Untersuchungen über die Wirkungen des kalten Wassers im Bereiche des Nervensystems, &c. Berlin, 8vo.
1858. JONES, H. BENICE, et DICKINSON, W. H. Recherches sur l'effet produit sur la circulation par l'application prolongée de l'Eau froide à la surface du corps de l'homme. Paris, 8vo.
- Bibl. Med.-Chir. Soc.*
1859. BROCARD, C. C. V. Du Bain, de la douche et des affusions froides dans le traitement de la Folie. Paris, 4to, pp. 66.
1859. DELMAS, P. *Recherches historiques et critiques sur l'emploi de l'Eau en médecine et en chirurgie. Paris, 4to, pp. 182.
- A very full and complete memoir, especially the historical portion.
1861. CUSON, H. *Des indications et contre-indications de l'emploi de l'Eau froide dans les Maladies de l'Utérus. Montpellier, 4to, pp. 72.

1861. BRAND, E. *Die Hydrotherapie des Typhus*. Stettin, 8vo, pp. 309. Ibid.? 1863.

The man who restored to honour the treatment of the pyrexias, and especially of typhoid fever by cold water, was Ernest Brand, of Stettin. His treatment as set forth in the above work constituted a true method in the vigorous and dogmatic acceptance of the word, consisting of the regular and systematic administration of cool baths (20° C. or 68° F.) at least eight times in the 24 hours (a bath every three hours, night as well as day), with or without cold affusion on the head, each bath 15 minutes in duration. Liebermeister, in speaking of Brand's book, whilst acknowledging the decisive impulse which it has given to the therapeutics of febrile affections, regrets to find in it a too ardent and enthusiastic proselytism.—Prof. Béhier in *Practitioner*, Feb., 1874, p. 84.

- 1862? NETTER, A. *Du traitement du Choléra par l'administration coup sur coup d'énormes quantités de boissons aqueuses*. Paris, 8vo.

1862. LAIR, J. M. **De l'emploi de l'Eau en chirurgie*. Montpellier, 4to, pp. 66.

1863. MARSH, J. C. LORY. *Special Therapeutics: an Investigation into the treatment of Acute and Chronic Diseases by the application of Water, the Hot-Air Bath, and Inhalation*. London, 8vo, pp. 130.

A considerable portion of this book consists of a review of the work of Dr. Currie (1797), which, according to Dr. Marsh, "has unfortunately been too little read and appreciated by the profession, though thoroughly scientific and practical." In this, as in many other works of the same class, too much stress is laid upon the salutary effects of the water, and too little on concomitant treatment. The latter, however, in many instances under Dr. Marsh's care, was by no means insignificant; *e.g.* in a case of "acute laryngitis, in which the wet blankets were used with great benefit," the constitutional treatment consisted of tartar emetic and salines, "repeated every hour," with an "occasional dose" of calomel and colocynth, leeches to the throat, and subsequently blisters!—*Glasgow Med. Journ.*, April, 1864, p. 99-103.

1864. RATJEN, E. **De Hydrotherapia Typhi abdominalis*. Kiel, 4to.

1866. BANG, O. L. *Kaltes Wasser*. Leipzig, 8vo.

1866. JÜRGENSEN, T. *Klinische Studien über die Behandlung des Abdominaltyphus mittelst des kalten Wassers*. Kiel, 8vo, pp. 123, with woodcuts.

In this work, and in that of Liebermeister and Hagenbach, the old treatment of typhus by cold affusion, as introduced by Dr. Currie in 1797, is advocated. After three years' experience of its use in typhoid fever, Dr. Jürgensen both approves of and recommends it. For a statement of his views, see review of his work in *Edin. Med. Journ.*, March, 1869, p. 842-846.

1867. PETRI, W. *Hydrotherapie bei Typhus abdominalis*. Coblenz, 8vo, pp. 46.

1867. TRIAIRE, P. H. **Des Irrigations continues sur les Lésions Traumatiques*. Strasbourg, 4to.

1868. LIEBERMEISTER, C., und HAGENBACH, E. Aus der medicinischen Klinik zu Basel. Beobachtungen und Versuche über die Anwendung des kalten Wassers bei fieberhaften Krankheiten, &c. Erlangen, 8vo, pp. 172.

A volume of the highest merit, which taken with the treatises of Jürgensen (1866) and Küchenmeister (1869), forms a remarkable body of evidence on the subject of the use of cold water in fevers.—*Practitioner*, July, 1869, p. 45.

1869. KÜCHENMEISTER, F. Die therapeutische Anwendung des kalten Wassers bei fieberhaften Krankheiten. Berlin, 8vo, pp. 239.

A handy and useful summary of the results, which may be said to be guaranteed on trustworthy authority, with regard to the use of cold water in febrile affections. See review in *Practitioner*, July, 1869, p. 45-47.

1869. ZIEMSEN, H., und IMMERMAN, H. Die Kaltwasserbehandlung des Typhus abdominalis. Leipzig, 8vo, pp. 172.

A very important book.—*Practitioner*, Jan., 1870, p. 63. See also 1874.

1870. WITTHOFF, G. Methodische Anwendung des kalten Wassers in Brustkrankheiten. Wiesbaden, 8vo, pp. 56.

1870. BERGERET, L. F. E. De l'Eau; étude biologique, nosologique et hygiénique. Lyon, 8vo, pp. 40.

1870. LAMBERT, J. L. DE. *De l'emploi des Affusions froides dans le traitement de la Fièvre Typhoïde et des Fièvres Eruptives. Paris, 4to, pp. 76.

1871. ELLIS, —. Pain; its alleviation, suspension, and cure; being a brief Exposition of treatment by Water at different temperatures. London? 8vo, pp. 40.

1872. HEKIMIAN, M. *Des injections hypodermiques d'Eau pure. Paris, 4to.

1872. HULAND, F. *Sur le traitement des Pyrexies par l'Eau froide, et plus spécialement par les bains froids. Paris, 4to.

1872. ISAMBERT, N. L. *Considérations cliniques sur les bons effets de l'Irrigation continue, et des applications froides renouvelées dans le traitement des Fractures avec Plaie. Paris, 4to.

1873. DUBOUÉ, —. Vide "Ergot," 1873.

1873. CORTE, P. Lezioni teorico-pratiche sulla Idroterapia scientifica dette nella Università di Torino. Biella, 8vo.

1873. GROSSE, L. *De l'emploi des affusions froides comme antipyrétique. Montpellier, 4to, pp. 48.

1874. GLÉNARD, F. Traitement de la Fièvre Typhoïde par les bains froids. Lyon, 8vo, pp. 79, pl. i. Ibid. 1875.

In this publication Dr. Glénard has expounded Brand's system with talent, and relates observations on thirteen patients treated vigorously and in the spirit of this method. (Vide Brand, 1861.) His practice appears to have been very successful. For a condensed translation of this interesting paper, by Dr. W. Macewen, see *Glasgow Med. Journ.*, July, 1874, p. 370-396.

1874. BÉHIER, J. Du traitement de la Fièvre Typhoïde par les bains froids. (Ex. *Bull. de Thérapeutique*.) Paris, 8vo, pp. 15.

For an abstract of Prof. Béhier's views on the use of cold baths in typhoid

fever (which are in favour of the practice), see *Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 522.

An English translation of this excellent paper or clinical lecture is given *in extenso* in *Practitioner*, Feb., 1874, p. 81-94. It contains a fair and impartial review of the writings of others, illustrated by his own clinical experience on the use of cold water in typhoid fever.

1874. RAYNAUD, M. Application de la méthode des Bains froids au traitement du Rhumatisme Cérébral. (Ex *Journ. de Thérap.*, Nov. 25, 1874.) Paris, 8vo, pp. 23.

Abstract of Dr. Raynaud's experience in *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 502. His plan of treatment differs somewhat from that of English practitioners, as he plunges the patient at once into water cooled with ice, instead of gradually cooling it while the patient is immersed.—*Ibid.*

1874. ZIEMSEN, H., und IMMERMAN, H. Die Kaltwasserbehandlung des Typhus abdominalis nach Beobachtungen aus der medicinischen Klinik zu Erlangen. Erlangen, 8vo.

The object of this book is to show the effects of cold water upon typhoid fever; to furnish statistics; to lay down exact methods of using cold water in this disease; to present statements of careful study of temperature under its use; and to afford proofs of the success which the authors claim for this mode of treatment. See analytical review in *Amer. Journ. Med. Sci.*, Jan., 1874, p. 188.

1874. LINARÈS, E. *De l'Eau froide et des Bains froids dans le traitement de la Fièvre Typhoïde. Paris, 4to.

1874. LOGEAIS, L. *Des principaux emplois de l'Eau dans les affections aiguës. Paris, 4to.

1874. MONTFORT, L. *Des Eaux potables et de leur purification. Paris, 4to.

1874. RIA, G. La Idroterapia del medico moderno, studiata secondo la fisiologia e la clinica. Napoli, 8vo.

1874. SALOMONE, C. Monografia dell' Acqua fredda e dei bagni freddi in medicina. Salerno, 8vo.

1874. HUCHARD, H. De la Fièvre et des Bains froids. 2me partie: Méthode allemande (dite de Brand) et méthode française. Paris, 8vo.

1874. BARDUZZI, D. Dell' Idroterapia nelle Febbri Tifoïdee. Forlì, 8vo.

1874. BACCOLLA, P. Hot Baths in Tetanus. *Vide* "Opium," 1874.

1874. BONDET, —. La Fièvre Typhoïde et les Bains froids à Lyon pendant l'épidémie des mois d'Avril et Mai, 1874. Paris, 8vo, pp. 23.

1874. LAURE, P. De l'emploi du Bain tiède de préférence au Bain froid dans le traitement de la Fièvre Typhoïde. Lyon, 8vo, pp. 14.

1874. LIBERMANN, —. De la valeur des Bains froids dans le traitement de la Fièvre Typhoïde, de leurs indications et contra-indications. Paris, 8vo, pp. 56.

1874. PÉCHOLIER, G. Cold affusions in Typhoid Fever. *Vide* "Creasote," 1874.
1875. SCHULTZE, F. Ueber die Resultate der Kaltwasserbehandlung des Typhus abdominalis im Krankenhause zu Heidelberg. Heidelberg, 8vo, pp. 32.
1875. BLACHEZ, —. Traitement du Rhumatisme Cérébral par les Bains froids. Paris, 8vo, pp. 19.
1875. DUBOUÉ, —. Sur les propriétés thérapeutiques de l'Eau froide. *Vide* "General Therapeutics," 1875.
1875. DUJARDIN-BEAUMETZ, (—). Sur les indications du traitement du Rhumatisme Cérébral par les Bains froids. Paris, 8vo, pp. 7.
1875. NOUËT, P. Des complications cérébrales du Rhumatisme articulaire aigu traitées par les Bains. Paris, 8vo, pp. 48.
1875. ZINKEISEN, A. Compendium der Balneotherapie. Leipzig, 8vo, pp. 436.

N.B.—The number of works on the system called Hydropathy is very great, most of them by unprofessional men or by "Water doctors." To have included these would have been beyond our limits, but in drawing the line, it is feared that some works, especially by German writers, have been omitted which ought to have been inserted, whilst some few, purely hydropathic, have found, undesignedly, a place in the above list. From mere titles it is often extremely difficult to distinguish one class of books from another.

SEA - WATER.

As a Therapeutic Agent.

1671. BARTHOLIN, T. Remedium *ευποριστον* ad Gangrænam. (Ex. in *Miscell. Acad. Nat. Cur.*, Dec. i, Ann. 2.)
Sea-water is the remedy extolled by this writer in the treatment of gangrene.
1699. LANZONI, J. Herpes sanatus balneo Aquæ Marinæ. (Ex. in *Miscell. Acad. Nat. Cur.*, Dec. iii, Ann. 7 et 8.)
1755. SPEED, T. De Aqua Marina commentarius. Oxon. 4to.
English transl. appended to "Russel on Sea Water," 1769.
Printed separately in English, Southampton, 1786, 18mo.
Bibl. Med.-Chir. Soc.
1756. RUSSEL, R. Diss. de Tabæ Glandulari, sive de usu Aquæ Marinæ in morbis glandularum. Cantab. 8vo.
Bibl. Acad. Edin.
1763. CARTHEUSER, J. F. Diss. de viribus Aquæ Marinæ medicis. Francof.-sur-l'Oder, 4to.
1769. MARET, H. Sur l'usage des bains d'Eau douce et d'Eau de Mer. Mémoire couronné en 1767, par l'Acad. de Bordeaux. Paris, 8vo.

1769. RUSSEL, R. Dissertation on the use of Sea Water in Diseases of the Glands, translated from the Latin; to which is appended an English transl. of "Speed on Sea Water," and "Account of the Mineral Waters of Great Britain," by W. Owen.
Fifth ed. London, 8vo. *Bibl. Med.-Chir. Soc.*

This work of Dr. Russel's was long held in high esteem, and deservedly so, as it contains much that is practically useful. The author, however, somewhat over-rates the curative powers of sea-water, and does not attach sufficient weight to the influence of season, change of air, &c., in scrofulous cases. Mr. Owen's appendix, in the fifth edition, is noticed further in art. "Mineral Waters of Great Britain."

1770. MARTEAU, P. A. Traité théorique et pratique des bains d'Eau simple et d'Eau de Mer. Amiens, 12mo. *Bibl. Roy.*
1775. WHITE, R. The use and abuse of Sea Water. London, 8vo.
Second ed. Ibid. 1779.

Bibl. Med.-Chir. Soc.; Manchester Med. Soc.

1787. KENTISH, R. Essay on Sea Bathing and the internal use of Sea Water. London, 8vo. *Bibl. Med.-Chir. Soc.*
1795. REID, T. Directions for warm and cold Sea Bathing.
London, 8vo. *Bibl. Med.-Chir. Soc.*
1795. ANDERSON, J. Practical Essay on Sea Water and Sea Bathing.
London, 8vo. *Bibl. Med.-Chir. Soc.*

1796. SCHMIDT, G. R. *De vera Aquæ Marinæ efficacia.
Francof. ad Mœn. 8vo.

1799. VOGEL, S. G. Ueber die Seebadekuren in Dobberan, &c.
Rostock, 8vo.

1804. BUCHAN, A. P. Observations concerning Sea Bathing, &c.
London, 12mo. French transl. by —. Rouxel, Paris, 1812 et
1835, 8vo. *Bibl. Med.-Chir. Soc.*

1812. LE FRANÇOIS, L. A. *Coup-d'œil médical sur l'emploi externe et interne de l'Eau de Mer.
Paris, 4to.

1813. GIENEY, J. Observations on cold and warm Sea Bathing, particularly in Scrofulous and Gouty cases.
London, 8vo, pp. 144. *Bibl. Med.-Chir. Soc.*

An interesting treatise; in it the author has brought together numerous authorities relating to his subject, and supplemented them with some original remarks derived from his own experience. See *London Med. Phys. Journ.*, xxix, 1813, p. 224.

1823. MOURGUE, C. L. Journal des Bains de Mer de Dieppe, &c.
Paris, 8vo.

1830. MOURGUE, C. L. Recherches sur les effets et le mode d'action des Bains de Mer.
Paris, 8vo.

1834. HAMEAU, —. Quelques avis sur les Bains de Mer.
Bordeaux, 8vo.

1835. ASSEGOND, A. Manuel hygiénique et thérapeutique des Bains de Mer. Bruxelles, 8vo. First ed. Paris, 1824?

The introduction contains an excellent historical account of baths, with

their literature. The physico-medical information contained in the work is correct, and the style in which it is imparted light, airy, and attractive.—*London Med. Gazette*, September 12th, 1835, p. 824.

1837. D'AUMERIC, J. F. Das Seebad zu Scheveningen in Holland, &c. Cleve, 8vo.

Mérat and De Lens mention another work in Dutch by this author on sea baths, published at Harlem in 1829, and which was "crowned" by the Academy of Sciences of that city, but I am unable to find the title of it.

1841. MUHRY, C. Medicinische Fragmente, betreff.: eine Allgem. Lehre des Seebadens und der Seebäder, &c.

Hanover, 12mo, pp. 168.

The author appears to have visited many of our English bathing resorts, in order to compare their advantages with those on the Continent, See review in *London Med. Gazette*, May 21st. 1841, p. 356.

1843. PAQUIER, —. Notice sur l'Eau épurée. Paris, 12mo.

M. Paquier, *pharmacien* of Fécamp, prepared sea-water for internal use by filtering it and introducing, under pressure, three or four parts of carbonic acid. In this state, under the name of *Eau de Mer gazeuse*, it is reported to act as a purgative and to be far less disagreeable to the taste than ordinary sea water; hence to be preferable in all cases requiring the internal administration of this remedy.

1848. VERHAEGHE, L. Die Seebäder zu Ostende, ihre Wirkung und Anwendung. Berlin, 12mo, pp. 128.

1850. VERHAEGHE, L. Du traitement des Maladies Nerveuses par les Bains de Mer. Bruxelles, 8vo. 2me éd. Anvers, 1853, 8vo, pp. 92.

The author puts forth his views in a clear and concise manner, and shows the advantages to be derived, particularly in nervous complaints, from a judicious and properly conducted course of sea-bathing.—*Med. Times*, October 19th, 1850.

1851. POUGET, G. Des Bains de Mer. Recherches et observations sur l'emploi hygiénique et médical de l'Eau de Mer, &c.

Paris ? 8vo.

1851. HARTWIG, G. Das Seebad als Heilmittel gegen Nervenkrankheiten. Bruxelles, 8vo, pp. 158. English transl. London, 1853, 8vo, pp. 148. Ibid. 1861.

1852. GABRIEL, J. *Diss. de Balneis Maritimis.

Berolini, 8vo, pp. 34.

1852. NOPPE, H. De l'utilité des Bains de Mer contre les maladies et les infirmités des organes de la vie sexuelle chez la femme et les filles pubères. Bruxelles, 8vo, pp. 114.

1852. NOPPE, H. Le Médecin des Bains de Mer, ou Manuel-guide indispensable aux baigneurs, &c.

Bruxelles, 8vo, 3me. éd. Ibid. 1853.

1853. POUGET, —. Bains de Mer. Lettre sur la nécessité de l'intervention médicale dans l'emploi hygiénique, prophylactique et médical, de l'hydrothérapie maritime. Paris, 8vo, pp. 32.

1853. QUISSAC, J. De l'abus des Bains de Mer, de leur danger, des cas où ils conviennent. Montpellier, 8vo.

1853. RANCOULET, A. V. Coup-d'œil d'Hydrothérapie Maritime.
Bordeaux, 8vo.
1856. AFFRE, P. R. Manuel du Baignant, ou Notice Médicale sur les Bains de Mer de Biarritz : 2me. édition, revue et augmentée de considérations sur quelques maladies de la peau, de l'utérus, et sur certains cas de stérilité guéris par l'emploi judicieux des bains, des injections et des douches d'eau de mer. Paris, 12mo.
1856. LE PARMENTIER DE FRESVILLE, C. Guide du malade aux Bains de Mer, indispensable à tous ceux qui veulent les prendre avec fruit et en éviter les dangers. Paris, 12mo, pp. 52.
1857. ROCCAS, A. Des Bains de Mer, de leur action physiologique et thérapeutique, de leurs applications et de leurs divers modes d'administration. Paris, 18mo, pp. 284. 2nd. éd. Ibid. 1862.
1858. BARTHÉS, F. Études sur les Bains de Mer.
Montpellier, 8vo, pp. 104.
1858. VERHAEGHE, L. Traité pratique des Bains de Mer: résumé de vingt-cinq années d'expérience, d'observations et de pratique médicale à Ostende.
Bruxelles et Ostende, 8vo. 2me. éd. Ibid. 1862.
1860. HAMELBECK, H. G. *Diss. de Balneis Maritimis.
Berolini, 8vo, pp. 32.
1860. LEVROUX, L. G. De l'usage interne de quelques Eaux Minérales naturelles pendant les Bains de Mer comme moyen d'accroître et de compléter l'action de ces bains.
Paris, 8vo, pp. 57.
1860. HORNER, J. On the use of Sea Water and Sea Air in the hydropathic treatment of disease.
London, 8vo, pp. 44.
1861. DOR, H. De l'emploi de la vase dans les Bains de Mer de la Suède.
Paris, 8vo, pp. 80.
1862. SALMON, —. Coup d'œil médico-philosophique sur l'emploi de l'Eau de Mer.
Saintes, 12mo, pp. 54.
1865. BROCHARD, M. Des Bains de Mer chez les enfants. Paris, 18mo, pp. 268. English transl. by W. Strange. London, 1865, 12mo.
1865. SHEPPARD, E. Bathing; how to do it, when to do it, and where to do it.
London, 8vo, pp. 31.
1865. STOENENS, —. Des Bains de Mer. Bruxelles, 8vo, pp. 20.
- 1865-75. CASTOLDI, E. Relazione del trattamento fatto coi Bagni Marini negli Ospizio di Voltri e di Sestri Levante degli Scrofulosi di Milano.
Milano, 12mo, pp. 28.
This record has appeared annually for several years.
1866. CLAPARÉDE, —. Étude sur les Bains de Mer. Conseils aux baigneurs.
Paris, 8vo, pp. 64.
1866. CASTOLDI, E. Della diatesi Scrofulosa e suo trattamento mediante i Bagni Marini.
Milano, 16mo, pp. 341.

1867. MIRAMONT, E. DE. *Vingt années d'expérience aux Bains de Mer. Guide médical et hygiénique aux Bains de Mer.* Paris, 18mo, pp. 108.
1867. SICARD, E. *Étude microscopique sur l'Eau de Mer, considérée au point de vue médical.* Marseille, 8vo, pp. 23.
1868. DUPOUY, A. *Étude sur l'action physiologique et thérapeutique des Bains de Mer froids.* Paris, 8vo, pp. 50.
1868. MARTIN, L. T. *Des lotions froides et des Bains de Mer dans le traitement de certaines maladies de nature catarrhale.* Montpellier, 8vo, pp. 31.
1869. WORTHINGTON, G. *Bathing, its uses and advantages.* London, 8vo.
1869. FOUBERT, —. *Sea-water in Obesity. See "Chlorides,"* p. 143.
1870. DROUINEAU, G. *Des Bains de Mer. Guide médical et hygiénique du baigneur aux plages de l'Ouest.* Paris, 8vo, pp. 208.
1870. WIART, —. *De l'usage interne de l'Eau de Mer. Étude thérapeutique.* Caen, 8vo, pp. 24.
1870. GRILLI, F. *Della cura Idroterapica Marina, e dell' uso dell' Acqua di Mare polverizzata.* Cenni, 8vo, pp. 32.
1870. FORSSENIUS, C. *Om hafskuren eller thalassotherapien, &c.* Göteborg, 8vo, pp. 120.
1872. FOUBERT, —. *De la valeur et de l'usage des Bains de Mer chauds.* Paris, 8vo, pp. 15.
1873. SICARD, A. *L'Eau de Mer considérée au point de vue médical.* Marseille, 8vo, pp. 8.
1874. GAUDIN, G. **Physiologie et indications thérapeutiques des Bains de Mer.* Paris, 4to.
1874. ROMANDINI, A. *L'Acqua di mare nel pane.* Forli, 8vo.
1874. LISLE, E. *Du Pain à l'Eau de Mer, et de son utilité comme aliment et comme remède.* Bordeaux, 8vo, pp. 253.
1875. LISLE, E. *De l'emploi de l'Eau de Mer à l'intérieur, des moyens de l'administrer et de ses indications générales.* Paris, 8vo, pp. 20.

Dr. Lisle has done good service in calling attention to the medical properties of sea-water. He does not claim for it any specific property in the cure of disease, but regards it as a simple hygienic agent, useful only in an indirect manner by its general operation on the blood and the nutritive functions. His sea-water bread and "thalassic elixir and syrup," as he names them, appear to him indicated as hygienic and preservative agents against disease in persons who are healthy but of delicate constitution, in convalescence from acute diseases, apyretic stomach affections, anæmia, chlorosis, scrofulous and tubercular manifestations, and in diabetes in all its phases. He claims for sea-water all the properties of a mineral water, and furnishes some comparative analyses in support of this view.—See further *Brit. and For. Med.-Chir. Rev.*, Oct., 1875, p. 454-5.

1875. LEMARCHAND, —. *De l'Hygiène de la Mer et de l'Hydrothérapie maritime considérées sous leur point de vue pratique.* Paris, 8vo.

MINERAL WATERS OF GREAT BRITAIN

(Generally).

1562. TURNER, W. A Booke of the nature and properties as well of the Bathes in England, as of other Bathes in Italy and Germany. Collen, folio.
1672. CLAROMONTIUS, C. De Aere, locis et Aquis terræ Angliæ, &c. London, 18mo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1682. LISTER, MARTIN. De Fontibus Medicatis Angliæ. Eboraci, 12mo, plate. Alt. ed. London, 1684, 8vo. Redit in *Tract. varii de Aquis compluribus Medicatis*. Lugd. Bat. 1689, 12mo. *Bibl. Med.-Chir. Soc.* (ed. 1682, 1684, et 1689); *Acad. Edin.* (1689); *Radcliffe* (1684).
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1740. SHORT, T. An Essay towards a natural and medicinal history of the principal Mineral Waters of Cumberland, Northumberland, Westmoreland, Durham, Lancashire, Staffordshire, Shropshire, Worcestershire, Gloucestershire, Warwickshire, Northamptonshire, Leicestershire, and Nottinghamshire: particularly those of Neville-Holt, Cheltenham, Weatherslack, Hartlepool, Astrope, Cartmell, &c. To which is added a discourse on cold and tepid bathing, and a Table of all the Warm Waters in England, and most of the Cold Baths from Carlisle to Gloucester and Oxford. Sheffield, 4to.
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- This work comprises a series of inquiries and experiments carried on for many years, containing notices of 113 mineral springs in Ireland alone. It gave rise to a sharp controversy with Dr. Lucas, lasting over three years, the disputed point being the presence of sulphur in water. For an account of this controversy see *Dublin Quart. Journ. Med. Sci.*, vol. iii, p. 561, and vol. viii, p. 476.
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1770. MONRO, DONALD. A Treatise on Mineral Waters. London, 2 vols. 8vo. *Bibl. Manchester Med. Soc.; Acad. Edin.* (1760?)

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1818. ARMSTRONG, J. On Scarlet Fever, &c...with remarks on Sulphureous Waters.

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1819. MACKENZIE, P. Practical observations on the medical powers of the most celebrated Mineral Waters.

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1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.

1821. MILLER, J. Practical observations on cold and warm bathing, and descriptive notices of Watering Places in Britain.

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1829. DAUBENY, C. Analysis of Mineral Waters. (Ex. in *Phil. Magazine and Annals of Philosophy*, 1829, and in *Philosoph. Trans.*, 1830, 1831, 1833.

In treating of British mineral waters, Dr. Daubeny's researches should not be overlooked.—*Dr. J. Macpherson.*

- 1829—43. OSANN, E. *Physikalisch-medicinische Darstellung der bekannten Heilquellen der vorzüglichsten Länder Europa's.* Berlin, 3 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

The second division of the third part contains a capital account of all the mineral waters of Great Britain, with an excellent bibliography.—*Dr. Macpherson.*

1830. BOOTH, A. *On the natural and chemical properties of Water, and on various British Mineral Waters.* London, 8vo, pp. 196.

1832. GAIRDNER, M. *Essay on the natural history, origin, and medicinal effects of Mineral and Thermal Springs.* Edin. 8vo. *Bibl. Coll. Phys. Edin.*

Contains the best English view of the whole theory of mineral waters, supplying also much information about English springs.—*Dr. Macpherson.*

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More adapted for the general than the professional reader. A table at the end of each volume, containing the analyses of the various springs, is the part which chiefly interests the physician.—*Brit. and For. Med. Rev.*, Oct., 1842, p. 318.

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The main portion of the work is divided into five parts, which treat successively of mineral waters north of the Trent, and those south of the Trent; of the waters of Belgium and France; of the waters of Germany, Switzerland, Savoy, and Italy; of those of Ireland and Scotland; and of some miscellaneous matters, comprising notices altogether of no less than 156 spas. The last part contains an enumeration of the diseases in which mineral waters are beneficial.—*Lancet*, Aug. 22nd, 1851, p. 199.

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Dr. Seegen has produced a treatise (a work of immense labour) which, while it contains a detailed account of the physical and chemical properties and geological sources of the principal mineral springs of the Continent, possesses also the advantage of giving both to the student and physician such practical information on the physiological effects and therapeutic uses of the various waters as will render it a valuable adjunct to the library of either.—*Dublin Quart. Journ. Med. Sci.*, Feb., 1859, p. 172.

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The most complete work on mineral waters in any language, containing notices of all the known mineral springs of the world, arranged alphabetically. A work of great labour. Those of Great Britain are duly noticed, and their composition and medical properties fairly stated. The practical remarks on diseases and their appropriate hydrological treatment are valuable, and constitute a very important part of the work.

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An exhaustive work on the subject. It is divided into two parts, the first of which is devoted to what the author calls the *Materia Medica* of mineral waters; the second to the consideration of their therapeutical history, this latter constituting by far the largest portion of his treatise. Appended is a most valuable coloured map, showing every station of importance, the colours being so arranged as to indicate the predominating chemical characteristic of the spa.—*Dublin Quart. Journ. Med. Sci.*, May, 1864, p. 108.

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Pleasantly and lucidly written, and contains in small compass the essence of what we require to know in regard to the springs most in use, besides a great deal of interesting antiquarian information in regard to them.—*Edin. Med. Journ.*, Sept., 1871, p. 270.

Contains a mass of information respecting the spas of Great Britain. The author deals successively with the composition of various waters, the mode of selecting a suitable spa in particular ailments, and then proceeds to deal with saline, thermal, and earthy, salt, chalybeate, and sulphur waters and wells in detail, under the three heads of England, Wales, and Scotland. Dr. Macpherson knows what he is writing about, and his book is a very acceptable addition to medical literature.—*Lancet*, Aug. 5th, 1871, p. 193.

OF PARTICULAR LOCALITIES IN ENGLAND AND WALES.

ARRANGED ALPHABETICALLY.

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1580. Broadside on the Well at Woolman's Hill (Aberdeen).
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1826. CUBITT, W. R. Essay on Bathing, with remarks on the efficacy and employment of the Mineral Water at Ashby-de-la-Zouch and Moira, in which are introduced several interesting cases, &c.
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1760. BEVIS, J. Experimental enquiry on the Mineral Waters of Bagnigge Wells, near London.
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1676. P[UGH], R(OBERT). Bathoniensium et Aquisgranensium thermarum comparatio. London, 12mo.

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Dr. Guidott was the author of several other treatises on the City of Bath, its antiquities, &c.; these, together with his papers on the waters, were published collectively by H. Chapman. London, 8vo, 1725. It is in *Bibl. Med.-Chir. Soc.*

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1699. ALLEN, B. On the Bath Waters. *Vide* "Mineral Waters of Great Britain," 1699.
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A full and finished practical discourse.—*Bishop Nicholson.*
1722. CHEYNE, G. An Essay on Gout, with an account of the nature and qualities of Bath Waters. Fourth ed. London, 8vo. Seventh ed. *Ibid.* 1728. *Bibl. Med.-Chir. Soc.*
1725. WYNTER, J. On the Medicinal Waters of Bath and Bristol (appended to his "Cyclus Metasyncriticus"). London, 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1728. WYNTER, J. Of Bathing in the hot baths at Bathe, with regard to Palsie and some diseases in Women.
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- 1733-4. QUINTON, J. Treatise of warm Bath Waters, and of the cures lately made at Bath. Oxford, 4to.
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1762. RUTTY, J. Argument of Sulphur or no Sulphur in Waters discussed, with a comparison of the Waters of Aix-la-Chapelle, Bath, and Bristol, &c. Dublin, 8vo. *Bibl. Med.-Chir. Soc.*
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1800. GIBBES, Sir G. S. Treatise on the Bath Waters. London, 8vo. Second ed., comprehending the medicinal powers of the Bath Waters in general, and particularly as they relate to the cure of dyspepsia, gout, rheumatism, and liver complaints, chlorosis, cutaneous eruptions, palsy, &c. London, 1803, 8vo. Alt. ed. 1812?
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1814. SIGMOND, G. G. *De Aquis thermalibus apud Bathonias. Edin. 8vo.
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1820. SCUDAMORE, Sir C. *Vide* "Buxton," 1820.
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- This work contains no analysis of these waters, no calculation of their solid or gaseous contents, scarcely any remark even upon their temperature, and not a word relative to their previous history. To compensate, however, for these deficiencies, it contains much sound pathology, and a great portion of good sense, set forth with modesty and perspicuity.—*London Med. Phys. Journ.*, xlix, 1823, p. 506.
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In this interesting little work the history, properties, and composition of Bath waters are all most fully treated. The diseased conditions in which these waters are admissible, as well as the reverse, and the diet and regimen to be observed under their employment, are all discussed at sufficient length. An ingenious and novel form of diagram forms a frontispiece to the volume, showing at a glance the diseases in which Bath waters are useful, as well as their comparative utility in different diseases.—*London Med. Gazette*, Dec. 27th, 1851, p. 1103.

1857. PARKER, W. New Physiological Views: with an Appendix on the Bath Thermal Waters. Bath, 8vo?

This pamphlet as presented to us was accompanied by a printed handbill, in which Mr. Parker offers a reward of £100 to any one who will refute in writing the principles unfolded in his "New Physiological Views." Mr. Parker is perfectly safe in offering the reward, for after perusing his pamphlet we can find nothing worth refuting. Whatever is true in its pages is not new; and as to any novelty, we have not been able to discover it.—*Medical Times and Gaz.*, Feb. 14th, 1857, p. 174.

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"The following pages," to quote the author's own words, "contain a description of the admirable and extensive arrangements provided for the employment of the mineral waters of Bath; together with brief notices of the impregnations and medicinal uses of the waters; and of the Bath General or Mineral Water Hospital; the whole being prefaced with a general account of the early history of the mineral waters and baths of Bath." The historical sketch contains an interesting account of the notice which has been bestowed upon these waters in different ages.—*Medical Times and Gaz.*, Oct. 6th, 1860, p. 341.

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BATTERBY, near DURHAM.

1807. CLANNY, W. R. The history and analysis of the Mineral Waters at Batterby, near Durham. London, 12mo.

A very useful little work, exhibiting a lively description of Durham, and the source of the waters, an analysis of their properties, their medical effects, and the diseases in which they have been found serviceable.—*London Med. Phys. Journ.*, xvii, 1807, p. 479.

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1652. VENNER, T. A Censure of the Water of St. Vincent's Rock, near Bristol, growing in great request against the Stone. (Appended to his "Via recta ad Vitam longam.") London, 8vo.
This tract, first published in 1652, is reprinted in the Harleian Miscellany, vol. ii, p. 295.
1703. UNDERHILL, J. Johannis Subtermontani Thermologia Bristolensis, or Underhill's short account of the Bristol Hot Well Water; its uses and historical cures. London, 8vo.
1725. WYNTER, J. *Vide* "Bath," 1725.
1739. KEIR, P. An enquiry into the nature and properties of the Medicinal Waters of Bristol, and their use in the cure of chronic distempers. London, 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
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1767. LINDEN, D. W. Inquiry into the properties of the Mineral Waters of Llangybi, in Caernarvonshire. London? 8vo.

LEWISHAM, KENT.

1681. PETERS, J. A treatise on the Lewisham Wells in Kent, showing the time and manner of their discovery, the minerals with which they are impregnated, &c. London, 12mo.

This well was known sometimes as Sydenham, sometimes as Dulwich. There was a second well discovered near Dulwich, but it never had the repute of the one at Sydenham.—*Dr. Macpherson.*

LONDON AND ITS VICINITY.

See "Bagnigge Wells," "Islington" (Sadlers Wells), "Lewisham" (Dulwich), "Norwood" (Beulah Spa), "Hampstead and Kilburn," "Shadwell," "Bromley," "Barnet," "Streatham," and "Epsom."

In addition to these should be noticed amongst London springs "the Purging Water of the Dog and Duck," of which Mr. Owen in his work on British Mineral Waters p. (263), furnishes a full account. The "Dog and Duck" was a noted public-house in St. George's Fields, in the parish of Lambeth, close to the Deptford Road. From the reports of Dr. Baynard and others, it seems to have enjoyed repute in cancerous, leprous, and scrofulous cases, and in skin diseases.

MALVERN.

- 175-. WALL, J. Experiments and Observations on the Malvern Waters. Worcester, 8vo. Second ed. Ibid. 1757; third ed. Ibid. 1763. Republished in his "Medical Tracts," Oxford, 8vo, 1760, and also in a separate form under the title of "Malvern Waters," by his son, Dr. Martin Wall. Oxford, 8vo, 1806.
Bibl. Med.-Chir. Soc. (1763, 1780), Radcliffe (1757, 1806).
1805. WILSON, A. PHILIP. Analysis of the Malvern Waters. Worcester, 8vo. Ibid. Edin. 1806. *Bibl. Med.-Chir. Soc.*
1820. SCUDAMORE, Sir C. *Vide* "Buxton," 1820.
1828. ADDISON, W. On the nature and properties of the Malvern Water, &c. London, 8vo, pp. 192.
The author first describes the beauties and attractions of Malvern, and

particularly the nature of its waters, and remarks on their long established character in scrofula, glandular obstructions, old and fistulous ulcers, nephritic disorders, skin diseases, and thoracic affections. He attributes the benefit experienced in such cases partly to the salubrity of the air and partly to the extreme purity of the water, not believing that it contains any particular ingredients in sufficient quantity to produce much effect.—*London Med. Gaz.*, July 19, 1828, p. 213.*

MATLOCK-BATH.

1730. MEDLEY, J. Essay upon Matlock-Bath in Derbyshire, &c. Nottingham, 8vo. *Bibl. Med.-Chir. Soc.*
 1802. LIPSCOMB, G. Description of Matlock-Bath, with an attempt to explain the causes of the heat, and of the petrifying quality of the springs. To which is added some account of...the Mineral Waters of Quarndon and Kidleston. London, 8vo.
 1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.

MIDDLE-HILL, WILTS.

1786. FALCONER, W. Account of the Mineral Water at Middle-Hill near Box, Wiltshire. Bath (?) 8vo. *Bibl. Med.-Chir. Soc.*

MOFFAT, SCOTLAND.

1659. MACKAILLE, M. Descriptio topographico-spagyrica fontium mineralium Moffetensium in Annandia Scotiæ. Edin, 8vo. An English translation, to which is appended a description of the Oily Well at St. Catherine's Chapel, in the parish of Libberton, was published in 1664. (Edin. 12mo.)
Bibl. Acad. Edin. (both).

* N.B.—Malvern Spa has been made the subject of poems by Mr. Perry (inserted in "Dodsley's Collection of Poems," vol. v), Mr. Cottle, Dr. Brooker, and others; but none for originality are more worthy of note than one by the parish clerk of Malvern, about 250 years since, first published in 1778 in Nash's "Survey of Worcestershire." The four following stanzas may not be considered out of place here:—

Out of that famous hill
 There daily springeth
 A water passing still,
 Which always bringeth
 Great comfort to all them
 That are diseased men,
 And makes them well again
 To praise the Lord.

Hast thou a wound to heal,
 The which doth grieve thee,
 Come then unto this well,
 It will relieve thee
Noti me tangeres,
 And other maladies,
 Have here their remedies,
 Praised be the Lord.

To drink thy waters' store
 Lie in thy bushes,
 Many with ulcers sore,
 Many with bruises,
 Who succour find from ill
 From money given still,
 Thanks to the Christian will,
 O praise the Lord.

A thousand bottles there
 Were filled weekly,
 And many costrils rare
 For stomachs sickly;
 Some of them into Kent,
 Some were to London sent
 Others to Berwick went,
 O praise the Lord.

1854. KEDDIE, W. Moffat: its Walks and Wells; and Report on, and Chemical Analysis of, its Mineral Wells, by J. Macadam.
Glasgow, 8vo, pp. 163.

An admirably designed and elegantly written guide to these waters.—
Dublin Quart. Journ. Med. Sci., Nov., 1854, p. 16.

MOIRA. Vide "ASHBY-DÉ-LA-ZOUCH."

NEVIL-HOLT, LEICESTERSHIRE.

1740. SHORT, T. Vide "Mineral Waters of Great Britain," 1740.
1749. (Anon.) The contents, virtues, and uses of Nevil-Holt Spa Water, further proved, illustrated, and explained from experiments and reason. Second ed. London, 8vo, with a postscript printed in 1750. *Bibl. Med.-Chir. Soc.; Med. Soc., Lond.*

NEWCASTLE-ON-TYNE.

1760. TYTLER, J. On Newcastle-on-Tyne Waters.

NEWMAN, WARWICKSHIRE.

1587. BAYLEY, WALTER. A brief Discourse on certain Medicinal Waters in the County of Warwick, near Newman.
London, 12mo.

NORWOOD (BEULAH SPA).

1832. WEATHERHEAD, G. H. Account of the Beulah Saline Spa at Norwood, Surrey: containing a description of its medicinal properties and effects, of the diseases in which it is remedial, and directions for its use.
London, 8vo, pp. 39.
Bibl. Med.-Chir. Soc.

The diseases in which these waters are remedial, according to Mr. Weatherhead, include dyspepsia, liver and bilious complaints, jaundice, chlorosis, hypochondriasis, chronic and strumous ophthalmia, skin diseases, scrofula, "and many other disorders too numerous to mention!" He had better have said at once "all the ills to which flesh is heir!" See notice in *London Med. Phys. Journ.*, vol. lxvii, 1832, p. 244.

1832. MAXFIELD, A. Observations on the medical virtues of the Beulah Saline Spa, Norwood, and on the disorders in which it is most efficacious, especially those connected with derangement of the digestive organs.
London, 8vo, pp 82.

If reliance may be placed upon the analysis of these waters, made by Faraday and Hume, Mr. Maxfield has some ground for his assertion that "Beulah Spa is the most potent and valuable specimen of a saline spring that this country possesses, and is deserving of a higher reputation than any of them as a medicine." See *London Med. Phys. Journ.*, vol. lxviii, 1832, p. 154.

1833. SCUDAMORE, SIR C. Vide "Buxton," 1820.

NOTTINGTON, DORSETSHIRE.

1792. GRAVES, R. On the Sulphureous Water at Nottingham, near Weymouth, with Observations relative to its application in the cure of diseases. Sherborne, 8vo. *Bibl. Radcliffe.*

1798. CRANE, J. Account of the nature, properties, and medical uses of the Mineral Water at Nottingham, near Weymouth.
London, 12mo, pp. 44.

PETERHEAD, ABERDEENSHIRE.

1636. M[OOR] A[NDREW]. ΠΙΔΑΞ ΠΕΤΡΕΙΑ (Pidax Petreia), or the Discoverie of St. Peter's Well at Peterhead, in Scotland, showing the admirable virtues thereof against many deplorable diseases, by A. M., Student in Medicine. Edinburgh, 8vo.

This work, which is very rare, is given on the authority of Dr. Macpherson, to whom I am indebted for a notice of it. There is a copy of it in the Advocate's Library, Edinburgh.

PITCAITHLY AND DUNBARNEY, PERTHSHIRE.

1814. HORSLEY, W. Remarks on the Pitcaithly and Dunbarney Mineral Waters in Perthshire, illustrative of their composition and medicinal properties. London? 12mo.

PURTON, WILTS.

1861. BAKEWELL, R. H. A Visit to Purton Spa, with a short Account of the extraordinary properties and effects of its Sulphated and Bromiodated Spring. Loc.? 8vo? pp. 22.

These waters, which contain about 350 grains of saline matter to the gallon, chiefly of alkaline sulphates, with minute traces of iron, iodine, and bromine, are said to be pleasant to the taste, gently aperient, diuretic, and alterative, and probably will suit some persons who cannot afford to migrate to Carlsbad or Kissingen.—*Medical Times and Gaz.*, July 20th, 1861, p. 66.

QUARNDON. Vide "MATLOCK BATH," 1802.

RADNORSHIRE AND BRECONSHIRE.

- n. d. JONES, J. R., and PRYSE, J. Radnorshire and Breconshire Springs. Llanidloes.

ROAD, WILTS.

1731. WILLIAMS, S. An experimental history of Road Water, in Wiltshire, with a short mechanical account of its virtues, and of chronical disorders, in a Letter to the Rev. Dr. Derham. London, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

SANDROCKS, ISLE OF WIGHT.

1812. LEMPRIERE, W. On the medicinal effects of an Aluminous Chalybeate Water lately discovered at Sand Rocks, in the Isle of Wight, pointing out its efficacy in the Walcheren and other diseases incident to soldiers who have been abroad, &c. London, 8vo. Ibid. 1820. Second ed. Newport, 1827, 12mo, pp. 67.

Review in *London Med. Phys. Journ.*, xxviii, 1812, p. 72. There is also a pamphlet by this author, without date, on the chalybeate spring at Chall, Isle of Wight, printed at Newport. Whether it is the same as the above I know not.

1817. WATERWORTH, T. L. Letter on the Aluminous Chalybeate Water at Sand Rocks, Isle of Wight. Isle of Wight, 12mo, pp. 28. *Bibl. Med.-Chir. Soc.*

SCARBOROUGH.

1660. WITTIE, R. Scarbrough Spaw, or description of its nature and virtues. London, 12mo. Idem, augmented with a relation of cures done by the Waters. York, 1667, 18mo.
Bibl. Med.-Chir. Soc. (both).
1669. SIMPSON, W. Hydrologia Chymica: or the Chemical Anatomy of Scarbrough and other Spaws in Yorkshire. London, 8vo.
Bibl. Acad. Edin.
1669. WITTIE, R. Pyrologia Mimica, or Answer to Hydrologia Chymica of William Sympson, in defence of Scarbrough Spaw. London, 8vo.
Bibl. Med.-Chir. Soc.; Acad. Edin.
1670. SIMPSON, W. Hydrological Essayes, or a Vindication of Hydrologia Chymica, and a further discovery of the Scarbrough Spaw.
Bibl. Med.-Chir. Soc.
1670. TONSTALL, G. Scarbrough Spaw spagyrically anatomized. London, 12mo.
Bibl. Med.-Chir. Soc.
1672. TONSTALL, G. New Year's Gift for Dr. Witty, or the dissector anatomized. London, 12mo.
Bibl. Med.-Chir. Soc.
1672. WITTIE, R. Scarbrough's Spagyric Anatomizer Dissected, or Answer to Dr. Tonstall. London, 12mo.
Bibl. Med.-Chir. Soc.
1678. WITTIE, R. Fons Scarburgensis, sive de omnis aquarum generis origine ac usu; particulariter de fonte minerali apud Scarbrough in comit. Eboræ. London, 8vo.
Bibl. Med.-Chir. Soc.; Radcliffe.
- 17— . SCHOFIELD, J. An historical and descriptive Guide to Scarborough. York, 8vo, pp. 192.
1734. SHORT, T. History of the Mineral Waters of Derbyshire, Lincolnshire, and Yorkshire, particularly those of Scarborough. London, 4to.
Bibl. Med.-Chir. Soc.; Radcliffe.
1734. SHAW, P. Enquiry into the virtues, &c., of the Scarborough Spaw Waters. London, 8vo. Appended to his translation of "Hoffmann on Mineral Waters." London, 1743.
Bibl. Med.-Chir. Soc.; Radcliffe.
1869. BREAREY, C. B. Medical Guide to Scarborough. Fourth ed. (27th thousand!).

A very useful little book for visitors. It gives a good account of the climate, and vital statistics of the town, with directions for sea-bathing and taking the waters.—*Medical Times and Gaz.*, Sept., 1869, p. 369.

SHADWELL.

1749. LINDEN, D. W. Directions for the use of Berry's Shadwell Spa in Sun Tavern Fields, Shadwell. London, 8vo.
Bibl. Med. Chir.-Soc.; Coll. Surg. Lond.
1777. BARNES, A. Essay on the virtues and properties of the Shadwell Spa. London, 8vo.
Bibl. Med.-Chir. Soc.

SHAP, WESTMORELAND.

1828. ALDERSON, R. A chemical analysis and medical treatise on the Shap Spa. Loc. (?)

The title of this pamphlet is cited from the "Handbook to Shap Spa," 4th ed. Dalston, 1866.

SOMERSHAM, HUNTINGDONSHIRE.

1759. LAYARD, D. P. An account of the Somersham Spa. London, 8vo. Ibid. 1767. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*

The author's together with Dr. Morris's experiments with this water are inserted in the *Philosophical Trans.*, vol. liv, art. 3.

STOW-IN-THE-WOLD.

1808. FARMER, R. Analysis of the Carbonated Chalybeate, near Stow (in-the-Wold). Evesham, 8vo. *Bibl. Radcliffe.*

If this analysis is correct, this water contains considerably more iron and carbonic acid than either Tunbridge, Cheltenham, or even Spa.—*Lond. Med. Phys. Journ.*, vol. xxii, 1809, p. 246.

STRATFORD, WARWICKSHIRE.

1743. BAYLIES, W. Remarks on Perry's Analysis of the Stratford Mineral Water, with a short essay on the same waters.

Stratford-on-Avon, 8vo.

Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1744. PERRY, C. An account of an Analysis made on the Stratford Mineral Waters, comprehending near thirty different experiments.

Northampton, 8vo.

STRATHPEFFER, ROSS-SHIRE.

1856. MANSON, D. On the Strathpeffer Spa. Inverness, 8vo, pp. 15.

1869. MANSON, D. On the Sulphur Waters of Strathpeffer, in the Highlands of Ross-shire. Inverness, 8vo, pp. 62. Second ed. London, 1877, 8vo, pp. 73.

A sensibly written *brochure* setting forth in a favorable light the virtues of this spa, which evidently deserves to take a high rank amongst sulphurous waters, whether British or Continental.

STREATHAM.

- . Anon. The Analysis of Streatham Waters: with experiments on Mineral Waters in general.

Sine loc. et ann.

Bibl. Coll. Surg. Lond.

SUNNING HILL.

1851. HOLMES, H. Sunning Hill Wells: or a Practical Inquiry into the action of Iron as a constituent of the blood in health and disease, in connexion with that Chalybeate Spring.

London, 8vo, pp. 103.

The first 97 out of the 103 pages of this *brochure* are taken up with the consideration of the uses of oxygen in the animal economy and a variety of other topics. At page 98 we first meet with a reference to Sunning Hill, at

the wells of which place, we are informed, iron exists in precisely that form in which it is met with in *venous* blood—viz. the carbonate of the protoxide—a circumstance which, according to the author, distinguishes that spring as a most effective chalybeate.—*London Med. Gazette*, Sept. 12, 1851, p. 509.

THETFORD.

1819. ACCUM, F. Guide to the Chalybeate Spring of Thetford, exhibiting the general and primary effects of Thetford Spa, &c. London, 8vo, pp. 159. *Bibl. Med. Soc. Lond.*

THORP-ARCH.

1819. HUNTER, A. *Vide* "Harrowgate," 1819.

TILBURY, ESSEX.

1737. ANDREE, J. An account of the Tilbury Water, containing a narrative of the medicinal qualities of this Spring, &c. London, 8vo. *Ibid.* 1740, 1764, &c.
Bibl. Radcliffe; Med.-Chir. Soc. (5th ed., 1781), *Med. Soc. Lond.* (Eds. 1737, 1740, 1764).

TREFRIW AND VALE OF CONWAY SPA (WALES).

1865. HAYWARD, J. W. The Vale of Conway Spa: its nature, property, and uses, mode of administration and season, origin, source, locality, and discovery. Liverpool, 8vo, pp. 36.
1872. HAYWARD, J. W. Guide to Trefriw and the Vale of Conway Spa. Second edition. London, 8vo, pp. 64.

In this *brochure* the author sets forth the virtues of this comparatively little known Welsh Spa, and considering its character (chalybeate-aluminous) there is no doubt that it is capable in many cases of debility of effecting much of the good attributed to it by Dr. Hayward.

TUNBRIDGE WELLS.

1633. ROWZEE, L. The Queen's Wells: that is, a Treatise on the nature and virtues of Tunbridge Water, together with an enumeration of the chiefest diseases which it is good for, and against which it may be used, and the manner and order of taking it. London, 12mo. Alt. ed. 1656, 1670, 1671, 12mo, pp. 82.

Reprinted in vol. viii of the *Harleian Miscellany*.

1687. MADAN, P. Essay on the Waters of Tunbridge. London, 4to. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1725. ROUSE, L. Tunbridge Wells, or a Directory for the drinking of those waters, &c. London, 12mo.

Bibl. Med.-Chir. Soc.; Med. Soc. Lond.

1760. SMITH, HUGH. On the use and abuse of Mineral Waters: also Rules necessary to be observed by individuals who visit the Chalybeate Spring of the Old and New Tunbridge Wells.

London, 8vo.

Vide "Islington."

1766. BURR, T. B. History of Tunbridge Wells. London, 8vo. *Bibl. Med.-Chir. Soc. Lond.*

1791. BABINGTON, W. Analysis of the Medicinal Waters at Tunbridge Wells. London, 8vo.
1797. SPRANGE, J. Tunbridge Wells Guide. Tunbridge Wells, 8vo, plates.
1816. SCUDAMORE, SIR C. Analysis of the Mineral Waters at Tunbridge Wells, with some account of its medicinal properties. London, 8vo, pp. 58.
1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.

WALTON, SALOP.

1787. JOHNSTONE, J. Of the Walton Water, near Shrewsbury. Worcester, 8vo. *Bibl. Med. Soc. Lond.*

WIGHT, ISLE OF.

1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820, also "Sandrocks."

WILLOWBRIDGE, STAFFORDSHIRE.

1676. GILBERT, S. Fons Sanitatis; or the healing Spring of Willowbridge, in Staffordshire, found out by Lady Jane Gerard, Baroness of Bromley, published for the common good by Samuel Gilbert, Rector of Quatt. London, 12mo.

For a more recent and rather full account of this spring see Owen, "British Mineral Waters," p. 312, who quotes passages from Dr. Plot's "Natural History of Staffordshire" respecting its virtues.

WINGATE.

1792. DAVIDSON, S. History and properties of Wingate Spaw. London, 12mo. *Bibl. Med. Soc. Lond.*

WITHAM, ESSEX.

1737. TAVERNER, J. An Essay on the Witham Spa, or a brief enquiry into the nature, virtues, and uses of a Mineral Chalybeate Water at Witham. London, 8vo. *Bibl. Med. Soc. Lond.*

WORCESTERSHIRE.

1740. SHORT, T. *Vide* "British Mineral Waters," 1740.
1834. HASTINGS, SIR C. Illustrations of the Natural History of Worcestershire, &c., including also a short account of its Mineral Waters. London, 8vo, pp. 184.
1835. HASTINGS, SIR C. On the Salt Springs of Worcestershire; a Lecture. London, 8vo.

Both the general reader and the geological will find matter in this lecture to interest him.—*London Med. Gazette*, August, 22nd, 1835. *Vide* "Droitwich."

WOODHALL, LINCOLNSHIRE.

1867. CUFFE, R. The Woodhall or Iodine Spa. London, 8vo.
Third ed. London, 1868, 8vo, pp. 27.

Contains a simple and interesting account of this spa, which, from its constituents and from the recorded experience of Mr. Cuffe, is evidently an agent of no mean value in all that class of cases usually benefited by the iodides and bromides.

MINERAL WATERS OF IRELAND.

1684. BELLON, P. The Irish Spaw: being a short discourse on Mineral Waters in general...and a brief account of the Mineral Waters at Chappel-Izod, near Dublin. Dublin, 12mo.
Bibl. Coll. Surg. Lond.

1724. TAAFE, —. On the Mineral Spring at Ballyspellan.

So high was the repute of this water at the time of the publication of this work that it was emphatically called "The Irish Spa." For an amusing notice of it, and of the poetical contest about it between Dr. Sheridan and Swift, see *Dublin Quart. Journ. Med. Sci.*, vol. iii, p. 260.

1772. RUTTY, J. Natural History of the County of Dublin...and of some lately discovered Mineral Waters, particularly the Sulphureous Water at Lucan, and its medicinal virtues, &c. Dublin, 2 vols. 8vo.

1781. ELLIOT, J. *Vide* "Great Britain," 1781.

1825. RYAN, M. Treatise on the most celebrated Mineral Waters of Ireland, &c., and of the Spa lately discovered at Brownstown, near Kilkenny. Kilkenny, 8vo.

1845. KNOX, A. The Irish Watering Places, &c., with analyses of the principal Mineral Springs by R. Kane. Dublin, 12mo, pp. 336. *Bibl. Med-Chir. Soc.*

A useful, well-written, learned, and amusing work, containing in a small compass a great mass of information about our national watering places.—*Dublin Journ. Med. Sci.*, xxvii, 1845, p. 468.

1846. KNOX, A. The Ballynahinch Mineral Waters. Belfast, 12mo, pp. 47.

1856. APJOHN, J. The Spas of Lisdoonvarna, with a report, and analysis thereon. Dublin, 8vo, pp. 27.

A very interesting little pamphlet, containing a complete analysis of the sulphur and chalybeate spas which exist in County Clare, near one of the best sea-bathing districts on the west coast of Ireland.—*Dublin Quart. Journ. Med. Sci.*, November, 1856.

1867. FAUSSET, W. Mineral Springs of Lisdoonvarna, County Clare. Dublin, 8vo, pp. 20.

1871. MAPOTHER, E. D. Lisdoonvarna Spa and Sea Side Places of Clare. Dublin, 8vo, pp. 47. Second ed. 1872. Third ed. 1876.

A thoroughly reliable guide to this spa.—*Dublin Quart. Journ. Med. Sci.*, August, 1871, p. 189.

1872. LABAT, A. Étude hydrologique du pays de Galles et d'Irlande. Paris, 8vo, pp. 31.

ADDENDA.

GENERAL THERAPEUTICS, p. 1.

1776. MARRYAT, T. Therapeutics, or the Art of Healing.
Birmingham, 8vo.
The twenty-fourth edition of this work was published in 1816 by Sherwood.—*Druitt's Surgeon's Vade Mecum*, 9th ed., p. 826.
1843. HAGER, M. Allgemeine Pathologie und Therapie, &c.
Wien, 8vo.
1872. GIUDICE, G. Ragione d'essere della Terapeutica.
Torino, 8vo.
1874. SOGLIANO, M. Il razionalismo e empirismo in Terapia.
Napoli, 8vo.

SPECIAL THERAPEUTICS, p. 39.

1863. REDER, A. Pathologie und Therapie der venerischen Krankheiten. Add Italian transl. by Dr. G. Ria, with additions by Prof. V. Tantarri.
Napoli, 1872, 8vo.
1863. ROSENSTEIN, S. Die Pathologie und Therapie der Nieren Krankheiten. Add Italian transl. by Dr. Napolitani.
Napoli, 1872, 8vo.
1864. DILLNBERGER, E. Therapeutisches Recept-Taschenbuch für Frauen-und Kinderkrankheiten, &c. Add Italian transl. by Dr. F. Franco.
Napoli, 1874, 16mo.
1870. ROSENTHAL, M. Diagnostik und Therapie der Nerven-Krankheiten, &c. Add Italian transl. by Dr. F. Bertè.
Napoli, 1872, 8vo.
1870. BORRELLI, D. Della Febbre: dottrina, nosografia e terapia generale, &c.
Napoli, 8vo.

PERIODICALS AND JOURNALS RELATING TO THERAPEUTICS, p. 57.

GERMANY.

- "Journal für Pharmakodynamik Toxicologie und Therapie," &c.
Herausgeg. von Drs. W. Reil und J. Hoppe, 1856. Berlin.

ITALY.

- "Rivista di Medicina, di Chirurgia e di Terapeutica dei Dott. Sorsina, Ricordi, e Scarenzio." Milano, 1873, 8vo.

ENGLAND.

- "Record of Pharmacy and Therapeutics." London, 1856-1858.

HYPODERMIC METHOD, p. 88.

1865. EULENBERG, A. Die hypodermatische Injection des Arzneimittels, &c. *Add Italian transl. by Prof. G. Ria.*
Napoli, 1872, 8vo.

INHALATION, p. 92.

1767. STERN, P. Advice to the Consumptive—Treatment by Inhalation. Second ed. London. Nineteenth ed. 1778.
Bibl. Manchester Med. Soc.

ACIDS, p. 101.

1872. FARCY, A. *De l'empoisonnement par les Acides Minéraux.
Montpellier, 4to, pp. 39.

ALCALOIDS, p. 103.

1824. MARTIN-SOLON, F. Alcalia quædam vegetabilia novissime inventa, seu pura seu cum acidis composita, medicaminibus e quibus extrahuntur sunt-ne præstantiora, scilicet Morphina Opio, Quinina cortice Peruviano, Emetina radice Ipecacuanhæ? Paris, 4to.
1827. MÜLLER, HASSEN A. Diss. medico-pharmaceutica de principiis Vegetabilium novissimis temporibus evolutis quæ Kalinoïda dicuntur, &c. Mosquæ, 8vo, pp. 160.
n. d. BOSQUET, Y. On the ways of the Alkaloids in the Human Economy. Sutton-in-Ashfield. *Bibl. Manchester Med. Soc.*

ANTACIDS, p. 127.

1701. BORNMANNUS, J. C. De natura Antacidorum. Lugd.-Bat.
Bibl. Manchester Med. Soc.

ANTHELMINTICS, p. 127.

1834. CHEVANNE, J. *Des Ténias, et des diverses méthodes employées pour les détruire, &c. See Punica Granatum.
Montpellier, 4to.

ANTIPHLOGISTICS, p. 130.

1824. FOURCART, J. B. Observations tendant à prouver l'utilité des émissions sanguines, et du traitement Antiphlogistique en général dans beaucoup de maladies des vieillards. Paris, 8vo.
1874. TROUESSARD, E. L. Contribution à la pathologie et à la thérapeutique générale de l'Inflammation. Recherches sur l'emploi rationnel des émissions sanguines et de la Méthode Antiphlogistique dans les Maladies Inflammatoires. Paris, 8vo.

DIURETICS, p. 153.

1851. RANKE, H. *Physiologische-chemische Untersuchungen über das Verhalten einiger organischen Stoffe im menschlichen Organismus, nebst Versuchen über die diuretische Wirkung mehrerer Arzneimittel. Erlangen, 8vo. *Bibl. Coll. Surg. Lond.*

FEBRIFUGES, p. 161.

1856. MOUCHON, E. Monographie des principaux Fébrifuges indigènes considérés comme succédanés du Quinquina. Paris, 8vo.

METALS, p. 167.

1837. KÖCHLIN, J. R. Von den Wirkungen der gebräuchlichen Metalle auf den menschlichen Organismus, &c. Zürich, 8vo, pp. 186. *Vide* "Cuprum," 1837.

NARCOTICS, p. 169.

1836. LESZIG, E. *De Narcoticorum in infantibus usu. Dorpati, 8vo.
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"*Cystite hémorrhagique.*" Balsamics, 1861.

Cystitis, chronic. Argenti nitras (injections of), 1849, 1872.

Cysts, sebaceous. Antimonium tartaratum (injections of), 1872.

Dartre. See *Herpes*.

Deafness. Ether, 1860 (2). Glycerine, 1851. Iodine, 1825.—*Nervous.* Hydrargyrum, 1822.

Debility. Special Therapeutics, 1820 (Rousseau). Argenti oxidum, 1852. Eupatorium perfoliatum, 1813. Vinum, 1721 (Hungarian wines), 1721, 1759.—*Nervous.* Oxygen, 1800, 1845.—*Diseases of indirect.* Hydrargyrum, 1797. Phosphorus, 1800.

Delirium. Camphor, 1763. Datura, 1762. Hyoscyamus niger, 1762. Opium, 1809.—*Traumatic.* Opium (endermically), 1836.

Delirium Tremens. Special Therapeutics, 1829 (Neuberth). Inunction, 1850. Alcohol (treatment without stimulants or opiates), 1854. Arsenic, 1867. Can-

nabis sativa, 1839. *Datura Stramonium*, 1762. *Digitalis*, 1835, 1866. *Opium*, 1864. *Physostigma venenosum*, 1863. See also *Alcoholismus*.

Diabetes and Diabetes mellitus. Special Therapeutics, 1803 (Dietrel), 1828 (Stosch), 1865 (Grünbaum, 1869 (Brouardel), 1871 (Durand-Fardel), 1873 (Lecorché), 1873 (Foster), 1874-5 (Külz). *Arsenic*, 1871. *Creasote*, 1835. *Ergot*, 1867. *Iodine*, 1865. *Lac* (Ass's milk), 1672, 1871 (Skim-milk). *Morphia*, 1873. *Opium*, 1820. *Oxygen*, 1868. *Rhubarb*, 1733, 1737. *Sea-water* (internally), 1875. *Bristol mineral waters*, 1740.

Diarrhœa. *Ægle Marmelos*, 1853, 1854. *Antimonium*, 1833. *Chrome* (sesquioxide of), 1868. *Hæmatoxylon*, 1780. *Ipecacuanha*, 1706. *Kalmia latifolia*, 1802. *Kino*, 1757. *Krameria*, 1822. *Lac* (Milk diet), 1872, 1873. *Monesia*, 1839. *Plumbum* (enemas of acetate of lead), 1855. *Rhubarb*, 1567, 1752. *Simaruba*, 1730, 1758. *Sulphuric acid*, 1854. *Zinci oxidum*, 1874. — *Chronic or Habitual*. *Argenti oxidum*, 1852. *Ergot*, 1859. *Fel* (Ox-gall), 1846. *Strychnia*, 1830. — *Choleraic "cholérine."* *Cholagogues*, 1866. *Chlorine*, 1867. *Collosion* (to abdominal surface), 1869. *Sulphuric acid*, 1854.

Digestive Organs, affections of. Special Therapeutics, 1857 (Delore et Thurnam), 1875 (Tropea). *Enemas*, 1832. *Emetics* (improper use of in), 1806. *Lactates*, alkaline 1862 (2). *Carbo vegetab.*, 1855, 1865. *Carbonic acid*, 1864. *Centaurea centaurium*, 1765. *Cornus circinata*, 1828. *Fel* (Ox-gall), 1846. *Potassæ acetat*, 1869. *Serum Lactis* (whey-cure), 1860. *Rhubarb*, 1865. *Cheltenham waters*, 1821. See also *Stomach, affections of*.

Diphtheria. Special Therapeutics, 1871 (Fleury), 1875 (De Petri). *Balsamics*, 1874, 1875. *Caustics*, 1875. *Permanganates* (locally), 1866. *Sulphites*, 1869, 1874. *Calcis phosphas*, 1868. *Copaiba*, 1866. *Cubebs*, 1866, 1870. *Ferri perchloridum*, 1864, 1867. *Hydrargyri cyanidum*, 1868. *Potassæ chloras*, 1856, 1862. *Quinine* (as a gargle), 1875. *Sulphur*, 1866, 1874.

Diplopia. Special Therapeutics, 1863 (Giraud-Teulon).

Dislocations, to reduce. *Anæsthetics*, 1857. *Chloroform*, 1848.

Dropsy. Special Therapeutics, 1617 (Bertram), 1804 (Döring), 1824 (Venables), 1862 (Fourès), 1865 (Cantani). *Inunction*, 1822, 1850. *Injections into closed cavities*, 1850. *Diaphoretics*, 1715. *Diuretics*, 1681, 1720, 1786. *Purgatives*, 1825, 1860. *Asarum Europæum*, 1721. *Cainceæ radix*, 1827, 1828, 1831. *Cajeputi oleum*, 1754. *Cimicifuga foetida*, 1774. *Cinchona*, 1738, 1740, 1782, 1809. *Colchicum*, 1763, 1764, 1777. *Colocythis*, 1822. *Digitalis*, 1785, 1789, 1790, 1799, 1807, 1809, 1826. *Gambogia*, 1628, 1638, 1777. *Guaiacum*, 1536. *Hydrargyrum*, 1820. *Calomel*, 1780. *Iodine*, 1832, 1850 (injections of), 1858 (2), ditto; 1861 (ditto); 1866 (ditto); 1870 (ditto). *Lac* (Milk), 1832, 1871, 1872. *Opium*, 1754. *Potassæ acetat*, 1857. *Pyrola umbellata*, 1814. *Saccharum* (sugar), 1845. *Scilla maritima*, 1715, 1722, 1759, 1797, 1871. *Senega*, 1782. *Sodii chloridum*, 1702. *Solanum (nigrum)*, 1757. *Spartium scoparium* (Broom seed), 1783, 1835. *Tabacum*, 1648, 1785. *Taraxacum*, 1754. *Thea Chinensis*, 1692. *Veratria*, 1834. — *Scarlatinal*. *Antimonium tartaratum*, 1834.

Drowning. See *Asphyxia from drowning*.

Drunkenness. See *Ebrietas*.

Dysentery. Special Therapeutics, 1801 (Harles), 1828 (Malik). *Enemas* (large), 1833, 1849, 1850. *Astringents*, 1626. *Cholagogues*, 1866. *Diuretics*, 1643. *Emetics*, 1803. *Evacuants*, 1800. *Purgatives*, 1709. *Aconitum napellus*, 1819. *Ægle Marmelos*, 1853, 1854. *Argenti nitras*, 1861, 1871. *Atropa Belladonna*, 1866. *Bismuth*, 1866, 1869. *Calcis chloridum*, 1827. *Carbonic acid*, 1836. *Cocos Maldivica*, 1634. *Creasote*, 1855. *Ergot*, 1859. *Ferri perchloridum*, 1858. *Hæmatoxylon*, 1780. *Hydrargyrum*, 1784, 1815, 1846. *Hydrargyrum* (Ptyalism), 1824. *Calomel*, 1825, 1865. *Hydrarg. corrosivum sublimatum*, 1738. *Iodine* (injections of), 1853. *Ipecacuanha*, 1688, 1690, 1696, 1698, 1705, 1706, 1732, 1745, 1764, 1774, 1872, 1875. *Krameria*, 1799 (?), 1822. *Lac* (milk), 1645, 1873 (3). *Serum Lactis* (whey), 1636, 1653. *Lactuca*, sp. of, 1780. *Narcissus pseudo-narcissus*, 1833. *Opium*, 1656, 1703, 1795, 1875. *Opuntia Indica* 1808. *Orchis* (Salep), 1738. *Piper Betle*, 1804. *Plumbum* (enemas of

acetate of lead), 1855. *Quercus* (acorns), 1782. *Rhubarb*, 1567, 1752, 1800. *Simaruba*, 1738. *Sodæ sulphas*, 1875. *Tabacum*, 1785.—*Camp or Scorbutic*. *Creasote*, 1855.

Dysmenorrhœa. *Apiol*, 1864.

Dyspepsia. *Egle Marmelos*, 1853. *Argenti oxidum*, 1852. *Chiretta*, 1830. *Fel* (Ox-gall), 1846. *Ferri iodidum*, 1834. *Hydrocyanic acid*, 1820. *Ipecacuanha*, 1806. *Maltine*, 1874. *Oxygen*, 1868. *Pancreatin*, 1874. *Pepsin*, 1854, 1856, 1858, 1874. *Quassia*, 1799. *Sinapis* (white mustard seed), 1826. *Strychnia*, 1835. *Bath mineral waters*, 1800.

Dyspnœa. *Special Therapeutics*, 1721 (Ludolph).

Dysphagia. *Iodine*, 1825.

Dysuria. *Purgatives*, 1696. *Tabacum*, 1785.

Ear, affections of. *Special Therapeutics*, 1863 (Triquet), 1868 (Menière). *Astringents*, 1866.

Ebrietas. *Ammonia*, 1820. *Amygdalus* (bitter almonds), 1586.

Eczema. *Hydrargyrum*, 1875 (in *Addenda*, p. 809).

Elephantiasis. *Arsenic*, 1803.

Ephidrosis. *Aconitum napellus*, 1855.

Emissions, nocturnal. *Ferri sulphas*, 1763.

Entozoa. *Special Therapeutics*, 1817 (Lundborg).

Epidemic Diseases. *Prophylactics*, 1813, 1815, 1852, 1873.

Epilepsy. *Special Therapeutics*, 1858 (Wittmaack). *Anodynes*, 1724. *Art. "Anti-epileptics,"* p. 129. *Narcotics*, 1769. *Amanita muscaria*, 1778. *Ammonia*, 1851. *Nitrite of Amyl*, 1875. *Argenti nitras*, 1826. *Argenti oxidum*, 1852. *Moxa*, 1827. *Artemisia vulgaris*, 1825, 1827. *Atropa Belladonna*, 1783. *Atropiæ valerianas*, 1858. *Citrus* (orange leaves), 1766. *Cocos Maldivica*, 1634. *Convallaria majalis*, 1737. *Creasote*, 1835. *Cuprum* (*Ammoniacal sulphate of copper*), 1851, 1870. *Datura Stramonium*, 1762, 1777. *Dictamnus albus*, 1777. *Digitalis*, 1785, 1823, 1841, 1860. *Guaiacum*, 1536, 1593. *Hyoseyamus*, 1762. *Indigo*, 1834. *Oleum animale empyreumaticum*, 1725, 1732. *Oxygen*, 1800, 1868. *Pæonia officinalis*, 1680. *Phosphorus*, 1851. *Picrotoxine*, 1875. *Potassii bromidum*, 1865, 1867, 1868, 1869, 1871. *Rhus radicans*, &c., 1799. *Strychnia*, 1867, *Strychnos Ignatii* (*St. Ignatius' Bean*), 1793. *Strychnos nux vomica*, 1788. *Sumbul*, 1850. *Thea Chinensis*, 1672. *Valeriana officinalis*, 1828. *Viscum album*, 1719, 1806. *Zinci sulphas*, 1772, 1870. *Zinci lactas*, 1856.

Épilepsie absinthique. *Artemisia absinthium*, 1871.

Epistaxis. *Ergot*, 1831.

Ergotism. *Art. "Ergot,"* 1710 et seq.

Erysipelas. *Purgatives*, 1780. *Aconitum napellus*, 1845. *Alcohol*, 1870. *Ammonia* (locally), 1802. *Argenti nitras* (externally), 1850. *Collodion*, 1854 (2). *Ferri percloridi tinct.*, 1851, 1857, 1858, 1864. *Hydrargyrum*, 1837 (mercurial frictions). *Iodine* (locally), 1839, 1853. *Physostigma venenosum*, 1863. *Quinine*, 1863.

Erythema. *Local Anæsthetics* (congelation), 1854.

Exanthemata. *Enemas*, 1756, 1757 (2). *Refrigerants*, 1778. *Sulphites* (alkaline), 1862. *Vesicants*, 1758. *Aqua Calcis*, 1743. *Ledum palustre* (locally), 1775. See also *Variola*, *Rubeola*, &c.

Exostosis. *Hydrargyrum* (mercurial frictions), 1756.

External Diseases. *Iatroleptic method*, 1804. *Acids*, 1807. *Alcohol*, 1791. *Lepidium ruderales*, 1816.

Eye, diseases of. *Special Therapeutics*, 1835 (Labat), 1841 (Farnari), 1844 (Rognetta), 1852 (Sichel). *Inhalation* (atomised fluids), 1862. *Topical remedies*, 1804. *Argenti nitras*, 1837, 1840, 1842, 1854. *Atropa Belladonna*, 1802. *Bigonia catalpa*, 1834. *Citrus* (oil of, locally), 1828. *Collodion*, 1872. *Euphrasia*

officinalis, 1717, 1857. *Herniaria glabra*, 1706. *Hydrargyrum*, 1841. *Calomel*, 1832. *Hydrocyanic acid* (vapour), 1843. *Hyoscyamine*, 1875. *Iodine*, 1859. *Morphia*, 1826, 1869. *Physostigma venenosum*, 1863 (2), 1864, 1874. *Plumbum* (*P. acetas*), 1849. *Strychnia*, 1873. *Tabacum*, 1865, 1867. *Ol. Terebinthinæ*, 1829. *Valeriana officinalis*, 1732. *Zinci sulphas*, 1772.—*Catarrhal inflammation of. Encephalia officinalis*, 1857.—*Veneral and other inflammation of. Ol. Terebinthinæ*, 1829.

Eye, operations on. *Anæsthetics*, 1850, 1852, 1855, 1861, 1872, 1875 (2). *Atropa Belladonna*, 1802.

Fever and Fevers generally. *Special Therapeutics*, 1695 (Stahl), 1709 (Torti), 1755 (Heister), 1836 (Reiss), 1850 (Bischoff), 1875 (Liebermeister). *Inunction*, 1850. *Acids*, 1697, 1813. *Antiphlogistics*, 1862, 1869. *Aperients*, 1733, 1813. *Diaphoretics*, 1705, 1749. *Emetics*, 1399, 1780, 1783, 1818. *Art. "Febrifuges,"* p. 161. *Purgatives*, 1628, 1780, 1807, 1824. *Refrigerants*, 1569 et seq. *Stimulants*, 1860. *Sulphites*, 1862. *Tonics*, 1796. *Vesicants*, 1752, 1797. *Alcohol*, 1865. *Antimonium*, 1773, 1774, 1783. *Antimonium tartaratum*, 1774, 1801 (in large doses), 1817 (in small doses), 1842. *"Art. "Pulvis Jacobi,"* p. 245. *Arnica*, 1775, 1778. *Artemisia cærulescens*, 1800. *Aurum*, 1762. *Calceis chloridum*, 1827. *Citrus* (*Lemon juice*), 1665. *Digitalis*, 1862. *Eupatorium perfoliatum*, 1813. *Geum urbanum*, 1784, 1786. *Hydrargyrum*, 1804, 1813, 1823, 1846. *Iodine*, 1857. *Ipecacuanha*, 1732, 1754, 1774. *Lac* (*milk*), 1820. *Opium*, 1693 (*enemas of*), 1780, 1784 (2), 1786, 1800, 1809 (*opiate frictions*), *Sodii chloridum*, 1702. *Vinum*, 1630, 1654, 1703 (*Rhine wine*), 1797, 1798. *Water*, 1559, 1684, 1691, 1722, 1725, 1726, 1774, 1797 (*affusion*, *Currie*), 1799, 1804, 1805, 1808, 1811, 1815, 1817 (2), 1818 (2), 1820 (2), 1822, 1823 (2), 1824, 1836, 1853, 1861, 1868, 1869, 1872, 1873, 1874.

Fever, Acute, Inflammatory, "Ardent," and Continued. *Special Therapeutics*, 1772 (Baldinger). *Inunction*, 1850. *Enemas*, 1757. *Acids*, 1781. *Diaphoretics*, 1780. *Evacuants*, 1784. *Purgatives*, 1706. *Vesicants*, 1776. *Aconitum napellus*, 1856. *Alcohol*, 1867. *Camphor*, 1712. *Camphor* (*with calomel*) 1771. *Cinchona*, 1767, 1775. *Calomel* (*with camphor*), 1771, 1825. *Ipecacuanha*, 1754. *Manganese*, 1793. *Opium*, 1860. *Quinine*, 1866. *Senegæ radix*, 1740. *Valeriana officinalis*, 1789. *Vinum*, 1630. *Water*, 1559, 1591, 1723, 1820, 1824.

Fever, Intermittent. *Special Therapeutics*, 1777 (Mera), 1829 (Dompierre), 1831 (Guérin), 1841 (Ritter). *Endermic method*, 1834 (2). *Art. "Antiperiodics,"* p. 130. *Diaphoretics*, 1696. *Emetics*, 1782, 1788, 1803. *Febrifuges*, 1798, 1809, 1811, 1813, 1850. *Narcotics*, 1780. *Sulphites and Hyposulphites*, 1862, 1872. *Topical med.*, 1873. *Aconitum napellus*, 1856. *Æsculus Hippocastanum*, 1733, 1780, 1782, 1788, 1810. *Ammonii chloridum*, 1716. *Angusturæ cortex*, 1791. *Anthemidis flores*, 1757, 1775, 1783, 1810. *Antimonium*, 1792. *Apiol*, 1855. *Aranea* (*Spider's web*), 1686, 1809, 1811. *Arsenic*, 1786, 1804, 1809 (2), 1811, 1812 (*against*), 1813, 1842, 1850, 1851, 1857, 1863, 1864, 1866 (2). *Bebeerine*, 1835, 1845. *Berberine*, 1853. *Bittera*, 1857. *Buxus sempervirens*, 1859. *Caffine* (*arsenate of*), 1863. *Calceis phosphas* (*cum sulphure*), 1852. *Cantharides*, 1785. *Carbolic acid* (*subcutaneously*), 1873. *Cascarilla*, 1692. *Chloroform*, 1850, 1860. *Art. "Cinchona,"* p. 327.¹ *Conia*, 1849. *Convallaria majalis*, 1737. *Datisca cannabina*, 1799. *Digitalis*, 1823. *Erythraea centaurium*, 1713. *Eucalyptus globulus*, 1872, 1873. *Ferrum*, 1856. *Ferri ferro-sesquiyxidum*, 1822. *Ferri perchloridum*, 1866. *Ferri sulphas*, 1810. *Fraxinus excelsior*, 1712, 1791, 1808. *Gelatine*, *animal*, 1803, 1808. *Geum urbanum*, 1786. *Hydrargyrum*, 1742. *Calomel*, 1825. *Ilex aquifolium*, 1831, 1833. *Khaya Senegalensis* (*Carlecedra*), 1854, 1856, 1858. *Krameria*, 1822.

¹ So large a proportion of the numerous works on *Cinchona* treats, whether expressly stated so or not in the title page, on the powers of this remedy in intermittent fevers, that it would have created confusion rather than otherwise to have particularised the date of each publication; hence the student is referred to the article as a whole,

Laurus, sp. of, 1751. *Lycopus Europæus*, 1820. *Olea Europæa* (leaves of), 1815; (gum-resin of), 1831. *Oleum animale empyreumaticum*, 1747. *Opium*, 1783. *Ostrea edulis*, 1865. *Parmelia parietina*, 1815, 1817 (2). *Phloridzine*, 1836. *Picric acid*, 1868. *Pinus* (écorce de Pin), 1805. *Piper et Piperine*, 1823, 1831. *Potassii bromidum*, 1873. *Punica granatum* (Pomegranate bark), 1809. *Quinine and Cinchonine*, 1816, 1821, 1822, 1826, 1827 (endermically), 1828 (ditto), 1829, 1830 (2), 1831, 1835, 1850, 1853, 1860, 1866 (2) (hypodermically), 1867, 1874, 1875 (with alcohol). *Quinite*, 1869. *Rhus Cotinus*, 1815. *Salicine*, 1830, 1833, 1834, 1835 (2), 1861. *Salix*, sp. of, 1772, 1782, 1792, 1798, 1803. *Simaba Cedron*, 1851. *Sinapis* (sinapisms), 1812. *Sodii chloridum*, 1852. *Sodium* (Cyano-ferrure de sodium), 1861. *Lignum Colubrinum*, 1749. *Swietenia cortex*, 1793. *Tannin*, 1862. *Warburg's Drops*, 1847, 1849, 1869. *Water*, 1689 (as a drink in tertians), 1858.

Fever, Periodic, Malarious, or Miasmatic. Special Therapeutics, 1709 (Torti). *Febrifuges*, 1870. *Sulphites*, 1869. *Arsenic*, 1786, 1842, 1875. *Bebeerine*, 1835, 1845. *Carbolic acid*, 1869 (in Addenda, p. 808). *Cascarilla*, 1692. *Chloroform*, 1850. *Dictamnus albus*, 1777. *Eupatorium perfoliatum*, 1813. *Hydrargyrum*, 1742. *Magnesia sulphis*, 1870. *Narcotine*, 1832. *Piper et Piperine*, 1823, 1831. *Quinine*, 1866 (2) (hypodermically), 1867 (as a prophylactic). *Quinite*, 1869. *Warburg's Drops*, 1847, 1849, 1869.

Fever, Remittent. *Enemas* (large), 1849. *Arsenic*, 1786, 1842. *Cinchona*, 1696, 1712, 1762 (with camphor), 1790, 1821. *Ferri ferro-sesquicyanidum*, 1822. *Calomel*, 1825. *Quinine*, 1866.

Fever, Puerperal. Special Therapeutics, 1841 (Trier), 1845 (Sinogowitz). *Emetics*, 1830. *Sulphites and Hyposulphites*, 1862, 1867. *Alcohol*, 1875. *Ammonia* (carb. of), 1850. *Carbolic acid*, 1874. *Hydrargyrum*, 1830. *Quinine*, 1863, 1875. *Ol. Terebinthinae*, 1814.—*Preventive of.* *Iodine* (injections), 1870.

Fever, Typhoid. Special Therapeutics, 1829 (Louis), 1864 (Lang), 1873 (Vopelius). *Enemas* (cold), 1875. *Antiseptics*, 1869. *Purgatives*, 1837 (2), 1872. *Stimulants*, 1868. *Sulphites and Hyposulphites*, 1862. *Tonics*, 1816. *Aconitum napellus*, 1875. *Alcohol*, 1871, 1873. *Antimonium tartaratum*, 1842. *Arsenic*, 1866, 1871. *Baptista tinctoria*, 1872. *Carbolic acid*, 1865, 1873, 1874. *Cinchona*, 1857, 1860. *Collodion* (to abdominal surface), 1869. *Creasote*, 1874. *Hydrargyrum*, 1813, 1837 (mercurial frictions). *Calomel*, 1852 (2), 1853, 1857 (2). *Potassæ chloras*, 1864. *Quinine*, 1842, 1857, 1870. *Water*, 1815, 1861, 1864, 1866, 1867, 1869, 1870, 1874 (9), 1875.

Fever, Typhus. Special Therapeutics, 1801 (Würth), 1850 (Zuppinger), 1856 (Dietl). *Inunction*, 1850. *Purgatives*, 1805. *Acetum* (internally), 1818. *Arsenic*, 1871. *Chloral* (as hypnotic), 1870. *Nitrous acid*, 1795, 1796. *Opium*, 1786, 1809 (opiate frictions). *Phosphoric acid*, 1814. *Phosphorus*, 1751, 1790, 1815. *Quinine*, 1874. *Thea Chinensis* (tea), 1866. *Vinum*, 1827, 1839. *Water*, 1802, 1806, 1818, 1861.—*Typhus abdominalis.* See *Typhoid Fever*.

*Fever, "Asthenic," "Adynamic," "Malignant," "Putrid," "Petechial," "Contagious," "Pestilential," &c.*¹ *Acids* (mineral), 1803. *Emetics*, 1777, 1792, 1799. *Stimulants*, 1787, 1790. *Vesicants*, 1591, 1592, 1727. *Arnica*, 1775. *Camphor* (with cinchona), 1762; 1815. *Cinchona*, 1764, 1766, 1817. *Hydrargyrum*, 1750, 1806. *Lac* (Milk), 1536. *Nitrous acid*, 1795, 1796. *Olea Europæa* (leaves of), 1815. *Oxalis acetosella*, 1709, 1717. *Phosphorus*, 1751. *Potassæ nitras*, 1772. *Salix*, sp. of, 1793. *Sinapis* (sinapisms), 1593. *Vinum*, 1703 (Rhine wines), 1778 (Champagne). *Water*, 1559, 1767, 1806, 1820.

Fever, Yellow. Special Therapeutics, 1839 (Louis et Trousseau), 1855 (La Roche), 1857 (Lyons). *Prophylactics*, 1826. *Salines*, 1846. *Antimonium*, 1796. *Cinchona*, 1826. *Serpens* (*Crotalus horridus*), 1861.

¹ The fevers enumerated in this section belong probably to the previous section, "Typhus Fever," but as in some instances there may be a doubt, it has been thought better to retain the designations employed by the authors themselves.

Fever, Eruptive. Water, 1853, 1870.—*Gastric.* Evacuants, 1793. Stimulants, 1813. Antimonium tart., 1821.—*Nervous.* Calomel, 1814. Water, 1820.—*Chirurgical.* Prophylactics, 1872. Ferri perchloridum, 1874. *Purulent.* Ferri perchloridum, 1866.—*Of Walcheren.* Hydrargyrum, 1810.—*Rheumatic.* See *Rheumatism, acute.*—*Scarlet.* See *Scarlatina.*

Fistulæ. Zinci chloridum, 1874.

Fistula lachrymalis. Antimonii terchloridum, 1873 (in Addenda, p. 808). Argenti nitras, 1837. Iodine, 1825.

Fistula in Ano. Iodoform, 1869.

Flatulence and Flatulent Colic. Special Therapeutics, 1790 (Phæbus.) Carminatives, 1784, 1800. Carbo vegetab., 1865.

Fluor albus. See *Leucorrhœa.*

Fractures (compound.) Special Therapeutics, 1829 (Valet), 1868 (Bottini), 1870 (Neroni). Alcohol (locally), 1867. Collodion, 1869. Gutta percha, 1851. Water, 1872 (irrigation in compound fractures).

Furunculus. Local Anæsthetics (congelation), 1834.

Gall-stones. Chelidonium majus, 1785. Chloroform, 1861. Juniperus communis, 1864. Nitric acid, 1817. Ol. Terebinthinæ (with sulphuric ether), 1790.

Gangrene and Hospital Gangrene. Special Therapeutics, 1754 (Hamberger). Idem, 1796 (Wolterbeck). Antiphlogistics, 1848. The Chlorides, 1827. Tonics, 1831. Acetum, 1772. Camphor, 1714, 1770, 1871, 1872. Carbo vegetab., 1809. Carbolic acid, 1865. Carbonic acid, 1785. Caryophyllus (Oil of cloves locally), 1717. Cinchona, 1729, 1732, 1734, 1737, 1746, 1754, 1769. Coal tar, 1873. Ferri perchloridum, 1859, 1860 (3). Iodine (tinct. of, locally), 1856, 1871. Opium, 1779. Polygonum amphibium (Persicairia), 1806. Potassæ chloras, 1866. Potassæ permanganas, 1869. Styrax (locally), 1805. Tabacum, 1648. Sea-water, 1671.

Gangrene, senile. Argenti nitras, 1850.

Gastralgia and Gastrodynia. Aconitum napellus, 1845. Argenti oxidum, 1852.

Gastric Affections. See *Stomach and Digestive Organs.*

Gastritis, alcoholic. Alcohol, 1865.

Genito-urinary Organs, affections of. Argenti nitras, 1859. Carbonic acid, 1864. Juniperus communis, 1819. Potassii bromidum, 1872. Triticum repens, 1747.

Gingivitis. Potassæ chloras, 1858.—*Ulcerata.* Nitric acid, 1849.

Glanders. Creasote, 1835.

Glands, enlargement of. Conium, 1776. Iodine, 1831, 1839 (locally). Juglans regia, 1841. Tussilago Farfara, 1807.—*Affections of.* Bitumen (Rock oil of Barbadoes), 1830. Sea-water, 1756, 1769.

Gleet. Cantharides, 1806. Iodine, 1854.

Gonorrhœa. Special Therapeutics, 1823 (Pleindoux), 1861-2 (Rollet), 1875 Müller.) Injections (urethral), 1741, 1773 (2), 1802, 1814. Acids (with cubebs), 1839. Balsamics, 1875. Diuretics, 1822. Purgatives, 1822. Alcohol (as predisposing to), 1870. Apium petroselinum, 1835. Argenti nitras, 1830, 1843 (2), 1845. Bismuth (injections), 1860. Cadmium (sulphate of), 1874. Camphor (with Hyoscyamus), 1826. Copaiba, 1827, 1861. Cubebs, 1821, 1822, 1826, 1839 Ergot, 1833. Gratiola officinalis, 1775. Hydrargyrum, 1763 ?, 1781. Calomelas (Plummer's pill), 1759. Juniperus communis, 1736. Monesia, 1839. Opium, 1780. Pyrothionide (injections of), 1827. Santalum (Sandal-wood oil), 1874. Terebinthina, 1699, 1874.

Gout. Special Therapeutics, 1816 (Marie de Saint-Ursin). Fumigation, 1838. Hypodermic method, 1865. Narcotics, 1668. Tonics, 1871. Vesicants, 1779. Aconitum napellus, 1762, 1768, 1784. Aloes, 1803. Antimonii pentasulphuretum, 1759. Arctium Lappa 1758 (2). Aristolochia clematitis, 1719. Artemisia moxa

(Moxa), 1644, 1677, 1682, 1683, 1685, 1714, 1825. *Ballota lanata*, 1832. *Calumbæ radix*, 1694. *Camphor* (vapour), 1829. *Carbonic acid*, 1778. *Cimicifuga fœtida*, 1774. *Cinchona*, 1802, 1807. *Coffea Arabica* (Coffee as a preservative), 1833. *Colchicum*, 1825 (2), 1831, 1845, 1860 (2). *Eau Médicinale d'Husson*, 1810, 1814. *Conium*, 1760, 1761, 1784. *Gamboge*, 1625, 1628. *Guaiacum*, 1536, 1779, 1782, 1786, 1798. *Hirudo* (Leeches), 1699, 1789. *Humulus lupulus*, 1806, 1811. *Hydrargyrum* (mercurial inunction), 1646. *Hydrarg. corrosivum sublimatum*, 1808. *Hydrochloric acid*, 1792. *Iodine* (locally), 1839. *Juniperus communis*, 1864. *Lac* (Milk diet), 1663, 1670, 1675, 1705, 1725 (Ass's milk). *Oleum Morrhuæ*, 1841. *Opium*, 1671. *Prunus padus* (cortex), 1812. *Quinine* (with *Colchicum*), 1831. *Rhododendron crysanthum*, 1779, 1810. *Saccharum Lactis*, 1700, 1701, 1713. *Tabacum*, 1648. *Thea Chinensis*, 1657, 1684 (2). 1696. *Veratria*, 1834, 1835. *Vinum*, 1703 (Rhine wines), 1721 (Hungarian wines). *Water*, 1649, 1689, 1724, 1804, 1843. *Sea-water*, 1813. *Bath mineral waters*, 1722, 1800, 1822, 1827.—*Gouty deposits*. *Lithium* (salts of), 1873.

Granulations, exuberant. *Clematis erecta*, 1777.

Gravel. See *Calculous Affections*.

Hæmorrhage. *Special Therapeutics*, 1785 (Rutter). *Idem*, 1797 (Hufeland), 1874 (Simon). *Astringents*, 1685, 1729, 1734 (with opium), 1801. *Derivatives*, 1837. *Cynomorium coccineum* (*Fungus melitensis*), 1755. *Digitalis*, 1807. *Ergot*, 1831, 1833, 1843. *Ferri perchloridum*, 1866. *Ferri sulphas*, 1763. *Hyoscyamus*, 1762. *Krameria*, 1799, 1817, 1822. *Opium*, 1801. *Potassæ nitras*, 1799. *Salix*, sp. of, 1792. *Water*, 1783, 1851.—*Periodic*. *Quinine*, 1857.—*From wounds*, &c. *Art.* "Styptics," p. 186. *Agaric of the oak*, 1754, 1755, 1757. *Alcohol* (locally), 1683, 1762. *Alum*, 1824. *Ammonia* (carb. of, locally), 1793. *Borassus flabelliformis*, 1850. *Collodion*, 1854. *Creasote*, 1833, et seq. *Ergot*, 1855, 1871. *Ferri perchloridum*, 1858, 1866. *Ferri sulphas*, 1860. *Matico*, 1844. *Spongia*, 1762, 1797, 1872. *Terebinthinæ oleum*, 1679. *Water*, 1797, 1851.

Hæmatemesis. *Purgatives*, 1805.

Hæmaturia. *Argentum oxidum*, 1852. *Ergot*, 1831.

Hæmoptysis. *Special Therapeutics*, 1844 (Smyth). *Emetics*, 1813. *Argentum oxidum*, 1852. *Digitalis*, 1873. *Ergot*, 1831, 1873. *Krameria*, 1821. *Lythrum salicaria*, 1762. *Monesia*, 1839. *Plumbum* (*P. acetas*), 1818. *Rubia tinctorum*, 1691 (in *Addenda*, p. 810).

Hæmorrhoids. *Fumigation*, 1838. *Achillea millefolium*, 1857. *Aloes* (abuse of, in), 1781. *Cimicifuga fœtida*, 1774. *Ferri perchloridum*, 1858. *Hirudo* (leeches locally), 1699, 1750. *Monesia*, 1839. *Nitric acid* (as an escharotic), 1843, 1859. *Scrophularia nodosa*, 1720. *Tabacum*, 1648. *Water*, 1850.

Hallucinations. *Arsenic*, 1870. *Datura Stramonium*, 1841.

Headaches. *Local Anæsthetics* (congelation), 1849. *Menyanthes trifoliata*, 1701. *Salvia officinalis*, 1689.—*Nervous*. *Ammonii chloridum*, 1859. *Bittera* (n. d.) *Opium* (opiate frictions), 1809. *Sibura* (Oil of laurel), 1830. *Tabacum* (snuff-taking as a cause of), 1733. *Ol. Terebinthinæ*, 1864. *Thea Chinensis* (green tea), 1827.—*Periodical*. *Arsenic*, 1786. *Phosphorus*, 1815. *Teucrium marum*, 1794.—*Rheumatic*. *Bryonia alba*, 1825. *Sibura* (Oil of laurel), 1830.—"Sick." *Guarana*, 1873.—*Supervening on catarrh*. *Euphrasia officinalis*, 1857.

Heart, diseases of. *Inhalation* (medicated), 1837. *Aconitum napellus*, 1845. *Antimonium*, 1867. *Arsenic*, 1867, 1874. *Digitalis*, 1860, 1871. *Ferrum*, 1845. *Oxygen*, 1868. *Veratria*, 1834.—*Aneurism of*. *Digitalis*, 1819.—*Palpitations of*. See *Palpitations*.

Hemeralopia. *Oleum Morrhuæ*, 1863, 1864.

Hemicrania. *Special Therapeutics*, 1788 (Anon). *Bryonia alba*, 1825. *Ether*, 1778.

Hemiplegia. See *Paralysis*.

Hepatitis. See *Liver, inflammation of*.

Hernia. Anæsthetics, 1848 (Guyton.) Caustics, 1774. Purgatives (after herniotomy), 1855. Atropa Belladonna, 1837, 1840. Caoutchouc, 1875. Coffea, 1862. Helix Pomatia, 1808. Opium, 1863. Tabacum, 1648.

Hip joint, diseases of. See *Morbus Coxarius*.

Herpes and Herpetic eruptions. Anthrakokali, 1837, 1840. Hydrarg. corrosivum sublimatum, 1772. Iodine, 1825. Rhus radicans, 1788, 1799. Solanum Dulcamara, 1780, 1784. Sea-water, 1699.

Hydrarthrosis. Special Therapeutics, 1858 (Schveing). Fumigation, 1838. Barium, 1836. Iodine, 1825, 1831, 1857. Oxygen, 1800. Water, 1836.

Hydrocele. Injections into closed cavities, 1791, 1808, 1826. Argenti nitras, 1770, 1783, 1787, 1860, 1871, 1874. Vinum (vinous injections), 1874.

Hydrocephalus. Special Therapeutics, 1844 (Smyth). Inunction, 1850. Antimonium tartaratum, 1832. Oxygen, 1800. Digitalis, 1785, 1790. Ergot (as a cause of), 1842. Moxa, 1819.

Hydrocyanic acid, poisoning by. Ferrum, 1867? Art. "Hydrocyanic Acid," 1805, 1818, 1824 (2), 1829, 1838, 1843, 1857, 1868.

Hydrophobia. Special Therapeutics, 1862 (Matton). Acetum, 1757. Alisma Plantago, 1817. Ammonia, 1777. Anagallis arvensis, 1790. Atropa Belladonna, 1781, 1782, 1795. Cannabis sativa, 1839. Cantharides, 1762. Carbolic acid, 1865. Chlorine (prophylactic) 1820, 1825. Chloroform, 1872. Datura Stramonium, 1777, 1809. Euphorbia (villosa), 1828. Genista tinctoria, 1853. Helleborus niger, 1610. Hydrargyrum, 1761, 1852. Hydrargyrum (Ptyalism), 1760. Cinnabar (with Musk), 1764. Hydrargyri sulphuretum nigrum, 1875. Meloe majalis, 1778, 1781, 1783 (2). 1788. Moschus, 1750, 1755, 1764. Oleum animale empyreumaticum, 1740. Opium, 1766. Quinine (hypodermically), 1867. Scutellaria lateriflora, 1819, 1820. Spartium (Genista tinctoria), 1853.

Hydrothorax. Digitalis, 1785, 1807 (2), 1809, 1810, 1822. Calomel, 1822. Nitrous acid, 1798. Senega, 1782.

Hygroma. Iodine, 1838.

Hypochondriasis and Hypochondriac Affections. Special Therapeutics, 1810 (Bährens). Ferrum, 1654. Hirudo (Leeches), 1699. Hydrarg. corrosivum sublimatum, 1797. Lac (Ass's milk), 1725. Melissa (et Mentha), 1864. Vinum, 1721 (Hungarian wines); 1759.

Hysteria and Hysterical Affections. Special Therapeutics, 1830 (Dumont). 1859 (Briquet). Anæsthetics, 1858. Purgatives, 1805. Tonics, 1867. Arsenic, 1867. Bismuth, 1792. Chloroform, 1858. Collodion (to abdominal surface), 1869. Ergot, 1841. Ferrum, 1832. Hyoseyamus, 1777. Melissa (et Mentha), 1864. Mentha, 1767. Moschus, 1628. Opium, 1677. Quassia, 1777. Ruta graveolens, 1735. Sumbul, 1850. Valeriana officinalis, 1828. Vinum, 1616. Water, 1689. — *Mental alienation of.* Opium, 1860.

Ileus vel Iliac Passion. Atropa Belladonna, 1850, 1860.

Impetigo. Special Therapeutics, 1871 (Devergie).

Impotence. Special Therapeutics, 1844 (Smyth).

Incurable Diseases. Lac (Milk-diet), 1871. Oxygen, 1868.

Indigestion. See *Dyspepsia*.

Infancy and Childhood, diseases of. Special Therapeutics, 1829 (Tourtual), 1838 (Ure), 1846 (Berton et Lehuby), 1849 (Beck), 1857 (Gerloni), 1861 (Hagen), 1864 (Dillnberger). Calcis phosphas, 1853. Calomel, 1823, 1830. Opium, 1830. Potassii bromidum, 1869. Quinine, 1859 (by friction), 1868. — *Convulsions of.* See *Convulsions, infantile*.

Inflammation and Inflammatory Diseases. Special Therapeutics, 1722 (Fischer), 1804 (Flögelein), 1820 (Mantovani), 1850 (Bischoff), 1874 (Trouessart). Antiphlogistics, 1874 (in Addenda, p. 806). Derivatives, 1829, 1837. Purgatives, 1826. Stimulants, 1803, 1860. Topical appl., 1751, 1836. Vesicants, 1774, 1798. Alcohol, 1836. ("Brandy and salt"); 1865, 1867. Antimonium, 1783. Antimonium tartaratum, 1801, 1817. Antimonii tersulphuretum, 1733. Camphor, 1714,

1788. Cantharides, 1810. Colehicum, 1820. Hirudines, 1804. Hydrargyrum, 1794 (2), 1810, 1819, 1864. Calomel (with opium), 1785, 1803. Opium, 1696, 1757, 1774, 1784, 1800, 1805, 1828. Potassæ nitras, 1849. Ol. Terebinthinae, 1814. Vinum, 1630. Water, 1836.

Inflammation, acute. Alcohol, 1867. Digitalis, 1837.—*Internal.* Vesicants, 1817. Hydrargyrum (mercurial frictions), 1836.—*External or local.* Local Anæsthetics (congelation), 1852, 1854. Astringents, 1787. Derivatives, 1870. Antimonium tartaratum, 1820. Argenti nitras, 1850, 1866. Belladonna, 1840. Collodion, 1854.—*Phlegmonous.* Argenti nitras, 1850. Mikania Guaco, 1863.—*Of Mucous membranes.* Rubefacients, 1824. Copaiba, 1823. Opium, 1828.—*Of Serous membranes.* Opium, 1828.—*Of Fibrous tissues.* Opium, 1828.

Insanity. Special Therapeutics, 1785 (Agassiz), 1828 (Guérin), 1851 (Parigot). Inunction, 1850. Narcotics, 1797, 1845, 1863. Neurotics, 1871. Alcohol (as a cause of), 1847, 1872 (ditto), 1875 (ditto). Antimonium tartaratum, 1869. Arsenic, 1870. Atropa Belladonna, 1691, 1783, 1789. Bromine, 1853. Cannabis sativa, 1845, 1870. Chloral, 1872. Conium, 1873. Datura Stramonium, 1762, 1777. Digitalis, 1785, 1810. Gratiola officinalis, 1775, 1793, 1818. Hellebore, 1818. Hyoscyamus, 1762, 1872. Morphia, 1874, 1875. Opium, 1856, 1860, 1870. Potassii bromidum, 1870, 1872. Water (cold affusions, baths, &c.), 1859.—*Hallucinations and cerebral congestions of.* Arsenic, 1870.

Internal Diseases. Special Therapeutics, 1816 (Achard-Lavort), 1868 (Lazansky). Endermic method, 1834. Intraleptic method, 1804. Acids, 1806. Derivatives, 1816. Emetics, 1853. Ferrum, 1855. Iodine, 1854. Lepidium rudemale, 1816. Phosphorus, 1815. Water, 1803 (cold water and ice).

Intestinal Lesions. Enemas, 1873.—*Occlusions.* Enemas, 1873. Opium, 1874.

Iris, and its affections. Special Therapeutics, 1800 (Nickels). Belladonna, 1803, 1853, 1856. Atropia, 1856, 1873.—*Paralysis of.* Hyoscyamus (as causing), 1803.

Iritis, acute. Atropia, 1866. Hydrargyrum, 1857, 1866. Hydrargyrum. (Ptyalism), 1868.

Ischuria vesicae. Special Therapeutics, 1868 (Vittadini). Emetics, 1694.

Jaundice. Special Therapeutics, 1727 (Ludolph). Cholagogues, 1866. Agri-
monia, 1768. Aloes, 1811. Hydrargyrum (Ptyalism), 1799. Menyanthes
trifoliata, 1701. Bath mineral waters, 1785.

Joints, affections of. Special Therapeutics, 1853 (Bonnet). Fumigation, 1838. Injections into closed cavities, 1869. Antiphlogistics, 1830. Argenti nitras, 1871. Moxa, 1825. Bitumen (Rock oil of Barbadoes), 1830. Chloroform, 1860, Clematis erecta, 1769. Conium, 1761. Iodine, 1831. Oxygen, 1845.—*Rheumatic swellings of.* Hydrarg. corrosivum sublimatum, 1808.—*Wounds of.* Antiphlogistics, 1830. Refrigerants, 1850. Vesicants, 1836. Water, 1836.—*Resection of.* Tonics, 1856.—*Effusion into.* See *Hydrarthrosis*.

Keratitis, panniform. Ferri perchloridum, 1858.

Kidneys, affections of. Special Therapeutics, 1863 (Rosenstein). Diuretics, 1572, 1713, 1752 (as a cause of). Terebinthina, 1699. Uva Ursi, 1763, 1764, 1778.

Labours. Art. "Anæsthetics, p. 107 et seq. Stimulants (uselessness of) 1833. Anemone pratensis, 1853. Atropa Belladonna, 1820, 1860. Cannabis sativa, 1851. Chloral, 1870, 1871, 1872, 1873 (2), 1875. Art. "Chloroform," p. 330 et seq. Cinchona (as an oxytotoxic), 1870. Cinnamon, 1787. Cocos Maldivica, 1634, 1694. Ergot, 1807 et seq. Opium, 1781, 1828, 1864. Quinine (as an oxytotoxic), 1870, 1873 (3), 1874 (4), 1875. Uva Ursi, 1858.—*For inducing premature.* Carbonic acid, 1858. Laminaria digitata, 1867 (4). Quinine, 1873, 1874, 1875.

Laryngismus stridulus. Ferri perchloridum, 1859, 1869, 1872. Hydrochloric acid, 1859.

Laryngitis. Topical medication, 1854.

Larynx, affections of. Special Therapeutics, 1829 (Albers). Inhalation (atomised fluids), 1855, 1862, 1866. Sulphur (Sulphurous inhalations), 1866.

Lead Palsy and other Saturnine affections. Iodine (Iod. of potassium), 1865, 1867. Art. "Plumbum, Injurious and Poisonous Effects of," p. 629. Sodii chloridum (Hypochlorite of soda externally), 1870.

Lepra. Conium, 1761. Hydrargyrum, 1698. Ledum palustre (locally), 1775.

Leprosy. Calotropis gigantea, 1833. Hydrocotyle Asiatica, 1853, 1855, 1856, 1859. Gynocardia odorata, 1878 (in Addenda, p. 809).

Leucorrhœa. Argenti nitras (appl. to os and cervix uteri), 1830. Balsamum Peruvianum, 1703. Cantharides, 1806. Conium, 1761, 1764. Dictamnus albus, 1777. Ergot, 1831, 1833. Helleborus viridis, 1775. Krameria, 1822. Lythrum salicaria, 1762. Mentha, 1767. Monesia, 1839. Pichurim bean, 1815. Pyrothionide (injections of), 1827. Salix, sp. of, 1792. Terebinthina, 1699. Thea Chinensis (injections of green tea), 1870.

Leukæmia. Special Therapeutics, 1872 (Mosler).

Liver, inflammation of. Special Therapeutics, 1781 (Miquet). Ammonii chloridum, 1870. Hydrargyrum, 1809, 1846. Hydrargyrum (Ptyalism), 1824. Calomel, 1816, 1825. *Chronic and other affections of.* Art. "Cholagogues," p. 143. Agrimonia, 1768. Alcohol (as causing), 1875. Antimonium tartaratum (externally), 1822. Chlorine, 1822. Fel (Ox-gall), 1846. Hydrargyrum, 1809 (2), 1811, 1820. Calomel, 1825. Nitro-hydrochloric acid (externally), 1822. Oxygen, 1868. Quassia, 1799. Ol. Ricini, 1764. Sinapis (White mustard seed), 1826 (2). Ol. Terebinthine, 1790. Bath mineral waters, 1800. Cheltenham waters, 1803. Harrogate waters, 1855. *Abscess of.* Ammonii chloridum, 1870. *Hydatid cyst of.* Iodine (injections), 1864.

Lochia, suppression of. Hirudines, 1778.

Lumbago. Morphia (hypodermically), 1872. Moxa, 1825, 1827.

Lungs and Air passages, affections of. Special Therapeutics, 1823 (Weber), 1861 (Günzburg), 1870 (Buck), 1875 (Tropea). Art. "Inhalation," p. 92 et seq. Emetics, 1810. Evacuants, 1863. Topical med., 1854, 1855, 1860, 1863. Agaricus piperatus, 1799. Ammonii chloridum (vapour of), 1873. Antimonium tartaratum (externally), 1822, 1828, 1833. Calceis phosphas, 1872. Carbonic acid, 1864. Digitalis, 1804. Eucalyptus globulus (Eucalyptol), 1873. Calomel (with Opium), 1828. Hydrocyanic acid, 1819 (2), 1820, 1821, 1823. Iodine (vapour of, with Conium), 1834. Koumis, 1874, 1875. Lac (Milk), 1687, 1726, 1754. Menyanthes trifoliata, 1701. Mytilus edulis, 1857. Phellandrium aquaticum, 1771. Pistachia terebinthus, 1842,¹ Salvia officinalis, 1723. Scrophularia nodosa, 1862. Sulphur (Sulphurous fumes), 1866. Tabacum (smoking), 1610. Tannin, 1863. Water, 1870.—*Emphysema of.* Antimonium, 1869. Arsenic, 1869. *Gangrene of.* Thymic acid (inhalation of), 1869.—*Inflammation of.* Alcohol, 1869. Antimonium, 1869. Antimonium tartaratum, 1824. Prunus laurocerasus (Cherry-laurel water), 1823.—*Tubercular disease of.* See *Phthisis*. See also *Pneumonia* and *Pleuritis*.

Lupus. Chloracetic acid, 1868. Hydrargyri pernitras, 1826. Iodine, 1839.

Lymphatic System, affections of. Aurum, 1811, 1819, 1820. Calceis murias, 1808. Mytilus edulis, 1857. See also *Scrofula*.

Malignant Diseases. Zinci chloridum, 1836.

Mamma, affections of. Conia, 1852.—*Inflammation of.* Iodine locally, 1839.

Mania. See *Insanity*.

Marasmus of Childhood. See *Tabes mesenterica*.

Measles. See *Rubeola*.

Melancholia. Special Therapeutics, 1811 (Haindorf). Diluents, 1716, 1737. Belladonna, 1783. Manna, 1685. Opium, 1804.

¹ By typographical error 1542 in text.

Melanosis. Special Therapeutics, 1857 (Norris).

Meningitis. Water (cold affusions), 1856.—*Cerebro-spinalis.* Opium, 1850.—*Tuberculosa.* Iodine (iod. of potassium), 1861. Potassii bromidum, 1868.

Menorrhagia. Purgatives, 1651. Argenti oxidum, 1852. Cinnamon, 1855. Ipecacuanha, 1774. Mentha, 1767. Monesia, 1839.

Menses, derangement of. Special Therapeutics, 1671 (Friderici). Camphor, 1714. Conium, 1771. Cuscuta Europæa, 1718.—*Cessation of.* Purgatives, 1803.—*Suppression of.* Dictamnus albus, 1777. Hirudo (Leeches to the os uteri), 1665.

Mental Affections. Special Therapeutics, 1811 (Haindorf), 1829 (Oegg), 1830 (Friedeich), 1832 (Zuzorini), 1836 (Bird), 1845 (Griesinger), 1859 (Flemming), 1860 (Leidesdorf), 1863 (Schroeder van der Kolk). Narcotics, 1863. Antimonium tartaratum (externally), 1822, 1869. Arsenic, 1870. Atropa Belladonna, 1783. Bromine, 1853. Cannabis sativa, 1845, 1870. Chloral, 1870. Opium, 1860. Papaverine, 1873. Potassii bromidum, 1865. Stannum, 1803.

Mental Alienation. See *Insanity.*

Mercury, poisonous and ill-effects of, p. 489. Iodine, 1867.

Metallic or Mineral Poisoning. Calci i iodidum, 1862. Lac, 1725, 1854. Saccharum, 1806. Water, 1805.

Metritis. See *Uterus, inflammation of.*

Morbus coxarius. Anæsthetics, 1859. Bath mineral waters, 1805.

Mortification. See *Gangrene.*

Mouth, affections of. Acetum (in scorbutic affection), 1772. Chromic acid, 1869. See also *Gingivitis, Tongue, affections of, &c.*

Mucous Membranes, affections of. Argenti nitras, 1837, 1839.

Muscular System, affections of. Special Therapeutics, 1862 (Friedberg). Moxa, 1827.

Myopia. Special Therapeutics, 1872 (Schiess-Gemuseus). Atropia, 1871.

Nævus maternus. Caustics, 1858. Chloracetic acid, 1868. Ferri perchloridum, 1858. See also *Tumours, erectile, and varicose.*

Necrosis. Special Therapeutics, 1826 (Richter). Phosphoric acid, 1802, 1808.—*Phosphoric.* See *Phosphorus, injurious effects, &c.,* p. 615.

Nervous System, affections of. Special Therapeutics, 1834 (Martin), 1868 (Brown-Séguard), 1870 (Rosenthal). Endermic method, 1828. Hypodermic method, 1865. Metals, 1853. Purgatives, 1841. Topical appl. (to the spine), 1822. Arnica montana, 1866. Arsenic, 1863, 1865. Atropa Belladonna, 1783. Camphor (cigarettes), 1839. Chloroform, 1857. Ergot, 1848. Hydrocyanic acid, 1821, 1823. Hyoscyamine, 1873. Serum Lactis (whey-cure), 1860. Morphia (endermically), 1843. Oxygen, 1800. Phosphoric acid, 1802. Phosphorus, 1875. Potassii bromidum, 1875. Sinapis (White mustard seed), 1826 (2). Strychnia, 1833, 1835, 1867, 1871. Strychnos Nux vomica, 1857, 1870, 1875. Sumbul, 1850. Tabacum, 1869. Valeriana officinalis, 1758, 1828. Water, 1858. Sea-water (baths), 1850, 1851.—*Debility.* Ginseng, 1860. Oxygen, 1800, 1839.—*Irritation of.* Special Therapeutics, 1825 (Guérin).—*Congestions attendant on.* Arsenic, 1863.

Neuralgia. Special Therapeutics, 1847 (Bretschneider). Endermic method, 1835, 1836. Hypodermic method, 1855, 1860, 1865 (2). Aconitum napellus, 1845, 1855. Ammonia valerianas, 1856. Arsenic, 1864, 1865. Moxa, 1827. Atropa Belladonna, 1818, 1833 (cataplasm). Bebeerine, 1845. Cinchona, 1826. Creasote, 1835. Ergot, 1872. Ferri carbonas, 1820, 1826, 1827. Iodine, 1863. Juniperus communis, 1736, 1864. Opium, 1836 (endermically), 1855 (hypodermically). Oxygen, 1868. Phosphorus, 1874. Physostigma venenosum, 1863. Strychnia, 1833, 1835. Ol. Terebinthinæ, 1823. Veratria, 1834, 1837.

Nitric acid, poisoning by. Nitric acid, 1802, 1828, 1857. Sapo, 1779, also Addenda, p. 810.

Noli me tangere. Special Therapeutics, 1871 (Devergie). Iodine, 1839.
Obesity. Special Therapeutics, 1775 (Osvali). Calorides, 1869. Fucus vesiculosus, 1862. Sea-water, 1869.

Esophagus, stricture of. Argenti nitras, 1807.—*Spasmodic stricture of.* Potassii bromidum, 1873.

Operations, surgical. Art. "Anæsthetics," p. 107. Tonics, 1856. Agaric of the oak (to arrest hæmorrhage), 1755, 1757. Alcohol, 1745, 1859 (to favour immediate union, &c.), 1864, 1865. Atropa Mandragora (an ancient anæsthetic), 1848. Ferri perchloridum, 1872. Zinci chloridum, 1866.

Ophthalmia. Special Therapeutics, 1782 (Boehmer), 1794 (Oppermann), 1844 (Furnari), 1844 (Rognetta). Emollients, 1825. Argenti nitras, 1840, 1842, 1868. Potassæ nitras, 1772. Pyrothionide, 1827. Senega, 1831. Tannin, 1858.—*Scrofulous.* Barium, 1794. Iodine, 1831. Juglans regia, 1841. *Purulent.* Argenti nitras, 1866. Monesia, 1839.—*Syphilitic or gonorrhæal.* Alcohol, 1867. Antimonium tartaratum, 1868. Argenti nitras, 1835.—*Granular.* Chromic acid, 1868.

Ophthalmico-nicotism and Ophthalmico-alcoholism. Alcohol, 1876 (in Addenda, p. 807).

Opium, poisoning by. Caffeine, 1860, 1875. Art. "Toxicology of Opium," p. 599.

Orchitis. Collodion, 1854, 1863.

Otalgia. Aconitum napellus, 1845.

Ovaries, affections of. Special Therapeutics, 1872 (Atlee). Local Anæsthetics (in ovariectomy), 1870.—*Cysts of.* Iodine (injections of), 1857, 1858, 1875.

Oxalic Acid, poisoning by. Art. "Oxalic Acid," p. 600.

Ozæna. Juniperus communis, 1736.

Pain and Painful affections. Special Therapeutics, 1875 (Spender). Hypodermic method, 1855, 1865 *et seq.* Anæsthetics, 1848 (Bourdon), 1854 (Druitt) Local Anæsthetics (congelation), 1852. Anodynes, 1699. Aconitine, 1835. Atropa Belladonna, 1818. Opium, 1699. Water, 1871.

Palpitations. Special Therapeutics, 1727 (Ludolph). Digitalis, 1822. Hyoscyamus, 1777.

Paralysis and Paralytical affections. Special Therapeutics, 1663 (Loeschebrand), 1826 (Boehardt), 1855 (Ross). Diaphoretics, 1674. Narcotics (aid to diagnosis), 1857. Vesicants, 1804. Arnica montana, 1773. Moxa, 1827. Bromine, 1853. Chloroform (aid to diagnosis), 1857. Cocos Maldivica, 1634. Conium, 1763 (2). Guaiacum, 1536. Iodine, 1825. Oxygen, 1800, 1845, 1868. Phosphorus, 1798, 1869. Rhus radicans, 1788, 1793, 1799. Strychnia (and Brucia), 1830, 1835, 1855, 1868 (2) (hypodermically). Strychnos Nux vomica, 1815, 1818, 1820, 1867. Sumbul, 1850. Veratria, 1834, 1837. Water, 1724. Bath mineral waters, 1728, 1774, 1787, 1800, 1822.

Paronychia. Iodine (locally), 1809. Iodoform, 1869. Potassæ chloras, 1862.

Parulis. Special Therapeutics, 1863 (Rupprecht).

Pediculi, to destroy. Coccus Indicis, 1591. Physostigma venenosum, 1863. Tabacum, 1648.

Pellagra. Special Therapeutics, 1871 (Lombroso), 1873 (Gemma). Alcohol, 1872.

Periodic Diseases. Special Therapeutics, 1822 (Pierquin). Quinine, 1834, 1866

Pertussis. Emetics, 1795. Topical med. (to the larynx), 1854. Assafœtida, 1769. Atropa Belladonna, 1785. Carbolic acid, 1873. Chloral, 1873. Cinchona, 1776. Conium, 1773. Eucalyptus globulus (Eucalyptol), 1873. Hydrocyanic acid, 1819, 1820, 1838. Mentha, 1767. Morphia, 1856. Nitric acid, 1854. Opium (opiate frictions), 1809. Phellandrium aquaticum, 1828. Potassii bromidum, 1873. Rhus radicans, &c., 1799. Solanum Dulcamara, 1825.

Phagedæna. See *Gangrene*.

Pharynx, affections of. Topical medication, 1860. Sulphur (sulphurous inhalations), 1866.

Phosphorus, poisoning by. See art. "Phosphorus: its poisonous and injurious effects," p. 615.

Phthisis pulmonalis. Special Therapeutics, 1791 (Petif), 1823 (Weber), 1825 (Louis), 1830 (Harel du Tancrel), 1865 (Fonssagrives), 1867 (Ullersperger), 1869 (Pidoux), 1871 (Mayer), 1874 (Brehmer), 1875 (Mey). Inunction, 1850. Fumigation, 1868. Inhalation, 1767 (in Addenda, p. 806), 1829, 1830, 1831, 1837, 1841, 1847, 1855, 1858, 1859, 1865, &c. The Chlorides (chlorine), 1829. Emetics, 1795, 1824, 1852. Hypophosphites (alkaline), 1859, 1864, 1868. Oils (various fatty), 1855. Prophylactics, 1875. Tonics, 1793, 1801. Topical med., 1860. Antimonium tartaratum, 1817. Aristolochia clematidis, 1807. Arsenic, 1839, 1875. Boletus suaveolens, 1784. Calcis phosphas, 1872. Carbonic acid, 1796 (2). Cetraria Islandica, 1802, 1803, 1846. Chlorine, 1830 (2). Cinchona, 1779, 1782, 1792. Colchicum, 1763. Conium, 1761, 1834 (inhalation of). Creasote (inhalation of), 1835, 1836. Digitalis, 1785, 1801 (2), 1804, 1807, 1808. Ergot, 1841. Ether (etherised cod-liver oil), 1868. Ferrum, 1866. Ferri perchloridum, 1862. Gratiola officinalis, 1813. Guaiacum, 1804. Gynecardia odorata, 1878 (in Addenda, p. 809). Helicine, 1854. Hydrocyanic acid, 1819 (2), 1820. Iodine, 1824, 1829 (inhalation of), 1834 (inhalation of with conium), 1851. Koumis, 1875 (2). Lac (milk diet), 1536, 1622, 1674, 1687, 1725 (Ass's milk), 1754, 1803, 1806, 1870. Serum Lactis, 1870. Lactuca (Lactucarium), 1816. Monesia, 1839. Morphia, 1856. Oleum Morrhuæ, 1846, 1849, 1850 (2), 1851. Naphtha, 1843, 1844, 1846. Oxygen, 1860, 1868, 1873. Pepsin, 1854. Phellandrium aquaticum, 1771 (?), 1802. Phosphorus, 1871. Pix liquida (tar vapour), 1817, 1818, 1823, 1860. Plumbum (P. acetæ), 1801, 1818. Liquor Potassæ, 1841. Potassæ chloras, 1860, 1872. Quinine, 1842. Quinæ tanas, 1873. Scrophularia nodosa, 1862. Serpens (excreta of reptiles), 1862. Sodii chloridum (as a cause), 1850. Sulphur (sulphurous inhalations), 1866. Tabacum (snuff-taking as a preventive), 1870. Tannin, 1863. Tussilago Farfara, 1714. Uva ursi, 1805. Veronica officinalis, 1694. Water, 1689.—*Sweats of.* Agaric of the Larch, 1832. Atropia, 1873. Calcis phosphas, 1875.—*Diarrhæa of.* Ipecacuanha, 1774.

Placenta, retention of. Special Therapeutics, 1862 (Hegar).

Plague. Inunction, 1809, 1844. Acetum, 1653. Coffea Arabica, 1721. Oleum Olivæ (frictions with warm oil), 1800. Oxalis acetosella, 1717. Pix liquida (tar water), 1747. Sodii chloridum, 1702. Water, 1722.

Plethora. Derivatives, 1837. Serum Lactis (whey-cure), 1860.

Plica polonica. Lycopodium clavatum, 1702.

Pleuritis. Special Therapeutics, 1691 (Camper). Idem, 1803 (Conradi). Emetics, 1782. Vesicants, 1776. Cetaceum, 1744. Crotonis oleum (a counter-irritant), 1874. Hirudines, 1804. Opium, 1674, 1774. Senega, 1782. Sinapis (sinapisms), 1636. Tannin, 1873.—*Of infancy.* Digitalis, 1867.—*Pleuro-pneumonia.* Senega, 1740.

Polypus, nasal. Caustics, 1825.

Pneumonia. Special Therapeutics, 1803 (Conradi), 1838 (Ritscher). Vesicants, 1794, 1835. Alcohol, 1867 (2) 1868, 1869, 1870, 1872, 1874. Antimonium tartaratum, 1828, 1830, 1831, 1835 (2), 1841, 1845, 1871. Antimonii oxidum, 1834. Chloroform, 1853. Digitalis, 1857, 1861, 1870, 1872. Ferrum, 1832. Calomel, 1850. Moschus, 1870. Phosphorus, 1815. Plumbum (P. acetæ), 1871. Prunus lauro-cerasus (cherry-laurel water), 1858. Quinine, 1871. Senega, 1782. Veratria, 1855, 1858, 1870. Veratrum viride, 1866, 1870.—*Of infancy and childhood.* Digitalis, 1867.—*Catarrhal (pérripneumonie catarrhale).* Potassæ carbonas, 1815.

Pregnancy, diseases, &c. of. Aperients, 1801. Assafoetida, 1855. Lac (milk), 1536. Opium, 1781, 1864. Potassii bromidum, 1869. Quinine, 1875.

Prostate Gland, affections of. Special Therapeutics, 1842 (Boys de Lowry), 1858 (Schleiss von Löwenfeld).

Prurigo. Pix liquida, 1832.

Pseudo-membranous Affections. Special Therapeutics, 1857 (Beck). Bromine, 1856.

Psoas Abscess. Phellandrium aquaticum, 1828.

Psoriasis. Bitumen (oil of petroleum), 1872. Copaiba, 1871. Hydrargyrum, 1875 (in Addenda, p. 809).

Ptyalism. See *Salivation*.

Puerperal State and Affections. Special Therapeutics, 1571 (Le Bon), 1835 (Joerg), 1866 (Winckel). Injections (vaginal and intra-uterine), 1866, 1869, 1870. Aperients, 1801. Alcohol, 1872, 1874. Carbolic acid, 1874. Chloral, 1871. Citrus (lemon-juice), 1665. Hirudo (leeches to the uterus), 1665. Moschus, 1613. Opium, 1762, 1781, 1809, 1864.—*Peritonitis.* Purgatives, 1820. Carbolic acid, 1873. Hydrargyrum (mercurial frictions), 1824. Ol. Terebinthinæ, 1830.—*Mania.* Opium, 1860.—*Convulsions.* See *Convulsions, puerperal.*—*Fever.* See *Fever, puerperal.*

Purulent Infection. Ferri perchloridum, 1860 (2). Magnesiæ sulphis, 1866.

Purpura. Ferri perchloridum, 1858.

Pustule maligne, F. See *Carbuncle*.

Pyæmia. Sulphites and Hyposulphites, 1862. Carbolic acid, 1873, 1874. See also *Purulent Infection*.

Pyrosis. Argenti oxidum, 1852.

Rabies canina. See *Hydrophobia*.

Rachitis. Special Therapeutics, 1844 (Smyth), 1863 (Ritter von Rittershain). Ferri iodidum, 1834. Oleum Morrhuæ, 1861. Rubia tinctorum, 1758, 1769.

Rattle-snake, poison of. Hieraceum venosum, 1828. Senegæ radix, 1749.

Rectum and Anus, affections of. Special Therapeutics, 1873 (Pinquet).—*Prolapsus of.* Enemas, 1782. Nitric acid (locally), 1859.

Respiratory Organs. See *Lungs*.

Rheumatism (in general). Special Therapeutics, 1860 (Eisenmann). Endermic method, 1828. Fumigation, 1838. Hypodermic method, 1865. Antiseptics (sulphurous acid), 1871. Diaphoretics, 1666. Vesicants, 1779. Antimonium tartaratum, 1835. Arnica montana, 1741. Ballota lanata, 1832. Camphor (vapour), 1829. Cinchona, 1786. Citrus (lemon juice), 1849. Hydrargyrum (mercurial inunction), 1834 (2). Juniperus communis, 1864. Lac (milk), 1663. Oleum Morrhuæ, 1835, 1841, 1843. Prunus Padus, 1812. Senega, 1782. Solanum Dulcamara, 1771. Sulphur (fumigation), 1820, 1830, 1871 (Sulphurous acid). Veratria, 1834. Water, 1843. Bath mineral waters, 1795, 1800, 1822.

Rheumatism, acute. The Cyanides (of Zinc and Potassium), 1875. Diaphoretics, 1795. Stimulants, 1860. Sulphites and Hyposulphites, 1862. Vesicants, 1795, 1864. Aconitum napellus, 1815. Antimonii oxidum, 1834. Atropa Belladonna, 1870. Atropia (to control the sweats), 1873. Cannabis sativa, 1839. Cinchona, 1807. Citrus (lemon juice), 1849, 1858. Digitalis, 1866, 1867. Ergot, 1874. Opium, 1836. Physostigma venenosum, 1863. Plumbum (P. acetas), 1866. Potassa nitras, 1849. Propylamine, 1873.—*Cerebral complications of.* Water (cold baths, &c.), 1874, 1875 (3).

Rheumatism, chronic. Diaphoretics, 1795. Vesicants, 1795. Aconitum napellus, 1815. Antimonium tartaratum, 1806. Arsenic, 1804. Moxa, 1823, 1825, 1827. Cannabis sativa, 1839. Datura Stramonium, 1822. Formic acid, 1822. Nitrous (Nitro-hydrochloric) acid, 1798. Ononis spinosa, 1855. Opium, 1809. Rhododendron chrysanthum, 1779, 1810. Sulphur (fumigations), 1820 (2), 1830.

Rheumatic Gout. Antiseptics (Sulphurous acid), 1871. Antimonium tartaratum, 1827, 1866. Antimonii oxidum, 1872. Moxa, 1825. Ballota lanata, 1832. Citrus (lemon juice), 1858. Digitalis, 1866, 1867. Ergot, 1874. Morphia,

(endermically), 1836. Opium, 1746, 1792. Quinine (hypodermically), 1866. Sulphur (Sulphurous acid), 1871. Trimethylamine, 1873 (2), 1874. Chlorhydrate of trimethylamine, 1873.

Ringworm. Sulphur (Sulphurous acid gas), 1866.

Rubeola. Inunction, 1850, 1853. Ammonia (carb. of), 1802. Digitalis, 1807.

Salivation, mercurial. Calcs sulphuretum, 1796. Art. "Hydrargyrum (Ptyalism)," p. 486. Potassæ chloras, 1856, 1860.

Sarcina ventriculi. Sodæ sulphas (sulphis ?), 1872.

Scabies. Special Therapeutics, 1816 (Folic). Carbo vegetab., 1804. Inula Helenium, 1787. Ledum palustre, 1775. Plumbago Europæa, 1781. Potassii sulphuretum, 1815. Sulphur, 1765, 1814 (sulphurous baths). Sulphuric acid, 1762. Tabacum, 1793. Terebinthina, 1699. Veronica officinalis, 1694.

Scarlatina. Special Therapeutics, 1827 (Seifert), 1837 (Ingalls), 1858 (Morris). Inunction, 1810, 1848, 1850, 1853. Disinfectants, 1875. Prophylactics, 1827. Permanganates (locally to sore throat), 1866. Purgatives, 1799, 1805. Acetic acid, 1846. Ammonia (carb. of), 1802, 1833, 1842, 1843, 1862 (2). Atropa Belladonna, 1824 (as a prophylactic), 1825 (ditto), 1826 (2), (ditto), 1827, 1828 (2), 1830, 1843. Carbolic acid, 1873. Digitalis, 1807. Quinine, 1857. Sulphur (and Sulphuric acid), 1787. Water, 1808, 1810, 1818, 1820, 1821.

Sciatica. Special Therapeutics, 1869 (Lagrette). Aconitum napellus, 1845. Argenti nitras (injection of), 1872. Arsenic, 1861. Artemisia (Moxa), 1825, 1827. Ergot, 1872. Morphia (hypodermically), 1872. Solanum Dulcamara, 1771. Ol. Terebinthinæ, 1823. Water, 1649.

Scirrhus. Atropa Belladonna, 1826. Cicuta virosa, 1874. Conium, 1760, 1761 (2), 1763. Ferri iodidum, 1834. See also *Cancer*.

Sclerotitis. Iodine, 1849.

Scrofula and Scrofulous Affections. Special Therapeutics, 1837 (Meissner), 1838 (Disse), 1843 (Bender), 1858 (Buzer), 1860 (Hübener), 1871 (Dauvergne), Intraleptic method, 1856. Tonics, 1831. Agave et Begonia, sp. of, 1794. Ammonia carb., 1812. Ammonii iodidum, 1875. Aurum (salt of), 1811, 1819, 1829, 1837, 1839, 1851, 1870. Barium (salts of), 1794, 1802, 1841, 1851. Calcs murias, 1808. Carbonic acid, 1798. Cimicifuga fetida, 1774. Cinchona, 1783, 1786. Conium 1761, 1771. Digitalis, 1786, 1790, 1792, 1801. Ferri iodidum, 1834. Hydrargyri iodidum, 1831. Iodine, 1821, 1824, 1825, 1829, 1831, 1832. Juglans regia, 1811, 1812, 1845, 1858. Lobelia syphilitica, 1791. Monesia, 1839. Oleum Morrhuæ, 1835, 1841, 1842, 1850. Mytilus edulis, 1857. Oxygen, 1800, 1868. Liquor Potassæ, 1811. Solanum Dulcamara, 1805. Sulphur, iodide of, 1855. Tabacum, 1648, 1669. Tussilago Farfara, 1807. Sea-water, 1769, 1813, 1865, 1866, 1875 (internally).—*Of the Eyes.* See *Ophthalmia, scrofulous.*—*Ulcers.* See *Ulcers, scrofulous*.

Scurvy. Special Therapeutics, 1807 (Marquis), 1826 (Götte), 1866 (Krebel). Art. "Antiscorbutics," p. 132. Tonics, 1831. Aquilegia vulgaris, 1716. Carbonic acid, 1778. Cardamine pratensis, 1785. Citrus (lemon-juice), 1791, 1857. Cochlearia officinalis, 1674. Conium, 1791. Galium aparine, 1784. Hydrargyrum (medicacy of), 1773. Lac, 1725 (ass's milk), 1726 (with mineral waters). Opium, 1797. Opuntia Indica, 1808. Phellandrium aquaticum, 1771. Quereus (oak-bark), 1792. Rumex aquaticus, 1765. Sodii chloridum, 1702. Tabacum 1672 (tobacco as a cause of), 1744 (tobacco-chewing recommended). Thea Chinensis, 1684. Vinum, 1835 (Moselle).

Sedentary life, diseases of. Fel (Ox-gall), 1846.

Serpents, venomous, bites of. Ammonia, 1749 (in "Addenda," p. 807), 1777. Ammonia (subcutaneous injection of), 1869, 1874. Oleum Olive, 1736, 1783. See also art. "Serpens," 1872.

Short-sightedness. Atropia, 1874.

Skin diseases. Special Therapeutics, 1834 (Francon), 1863 (Courtyllier et Meynet), 1868 (Francon), 1875 (Fox). Fumigation, 1818, 1838. Caustics, 1819, 1825. Alcohol (as predisposing to), 1874. Arsenic, 1859, 1857, 1866. Barium, 1791, 1851. Bismuth (ointment), 1792. Bitumen (Rock-oil of Barbadoes), 1839.

Caoutchouc (covering), 1875. Carbo vegetab., 1804. Carbolic acid, 1865, 1873. Eupatorium perfoliatum, 1813. Ferri perchloridum, 1860. Graphite, 1809. Gratiola officinalis, 1799. Guano, 1852. Hydrargyrum, 1852. Hydrarg-corrosivum sublimatum, 1766, 1772. Hydrocotyle Asiatica, 1859. Iodine, 1831, 1857. Manganese, 1800. Oxygen, 1798. Pix, 1832. Sulphur (fumigations), 1816, 1818, 1820, 1821, 1830. Sulphuric acid, 1672. Tabacum, 1618. Ulmus campestris, 1772. Zinci sulphas, 1841. Sea-water, 1856. Bath mineral waters, 1800, 1822. Harrogate waters, 1855.

Spasms and Spasmodic affections. Special Therapeutics, 1822 (Clarus), 1828, (Grützner). Art. "Antispasmodics," p. 136. Artemisia (Moxa), 1827. Cocos maldivica, 1634. Dietamnus albus, 1777. Hydrocyanic acid, 1825. Hyoscyamine, 1873, Indigo, 1834. Lac (milk), 1726. Opium (opiate frictions), 1809. Sumbul, 1850. Ol. Terebinthine, 1814. Viscum album, 1783. Zinci sulphas, 1772.

Spine, curvatures of. Special Therapeutics, 1857 (Ulrich), 1874 (Ulrich). Iodine, 1825.—*Irritation of.* Aconitum napellus, 1815. Hydrocyanic acid, 1825.—*Hyperæsthetic condition of.* Physostigma venenosum, 1863.

Spleen, diseases of. Special Therapeutics, 1847 (Heinrich). Ferrum, 1649, 1675. Hirudo (leeches), 1699. Quinine, 1831.

Spontaneous Combustion. Special Therapeutics, 1839 (Pfister).

Stammering. Special Therapeutics, 1836 (Colombat), 1871 (Coën).

Staphyloma. Argenti nitras (locally), 1823.

Sterility. Special Therapeutics, 1841 (Smyth). Coffee (as a cause of), 1695. Sea-water (baths, douches, &c.), 1856.

Stomach, affections of. Special Therapeutics, 1832 (Bloesch), 1873 (Leube). Astringents, 1635. Emetics (improper use of, in), 1806. Tonics, 1843. Ailantus excelsa, 1870. Antimonium tartaratum, 1822. Argenti oxidum, 1852. Carbo vegetab., 1855, 1865. Carbonic acid, 1779. Centaurea centaurium, 1765. Chiretta, 1830. Gastric juice (as a medicine), 1792. Hydrocyanic acid, 1820. Ipécacuanha, 1806. Monesia, 1839. Tabacum (tobacco as a cause of), 1761. Sea-water (internally), 1875. Harrogate mineral waters, 1855. See also *Digestive Organs, affections of.*—*Ulcer of.*—Special Therapeutics, 1858 (Schmidt).

Stomatitis, Aphthous or Ulcerous. Potassæ chloras, 1855, 1857, 1860.—*Mercurial.* See *Salivation.*

Strabismus. Special Therapeutics, 1863 (Giraud-Teulon). Hyoscyamus, 1859.

Stricture of Urethra. See *Urethra.*

Strychnia, poisoning by. Chloral, 1874 (in Addenda, p. 808). Nicotine, 1856. Physostigma venenosum, 1867, 1875. Potas-ii bromidum, 1863. Art. "Strychnia," 1835, 1856, 1857 (2), 1858, 1860, 1865, 1866, 1870, 1872, 1875, &c. Tannic acid, 1856.

Sulphuric Acid, poisoning by. Sulphuric acid, 1826, 1838, 1842, 1846.

Syphilis and Syphilitic Affections. Special Therapeutics, 1622 (Macollone), 1788 (Spielmann), 1809 (Louvrier), 1818 (Lafontaine), 1823 (Pleindoux), 1826 (Vering), 1834 (Bonorden), 1836 (Lucas-Championnière), 1838 (Ricord), 1848 (Schlesinger), 1851 (Zeissl), 1852 (Lippert), 1861 (Diday), 1861-2 (Rollet), 1863 (Reeder), 1867 (Geigel), 1868 (Marques), 1869 (Müller). Fumigation, 1743, 1776. Hypodermic method, 1868, 1873, 1875. Acids, 1798, 1836. Alteratives, 1743. Antiphlogistics, 1827, 1828, 1830, 1831 (2), 1836, 1838. Art. "Antisyphilitics," p. 136. Aconitum napellus, 1762. Agave et Begonia, sp. of, 1794. Alcohol (as predisposing to), 1870. Ammonia, 1774, 1781. Ammonii iodidum, 1874, 1875. Antimonium tartaratum, 1842. Argenti nitras, 1836, 1839. Astragalus exscapus, 1790. Aurum (salts of), 1811, 1812, 1817, 1819, 1821, 1827, 1828, 1829, 1834, 1835, 1870. Carex arenaria, 1772, 1784. Cuscuta Europæa, 1718. Gratiola officinalis, 1775. Guaiacum, 1518, 1519, 1525, 1529, 1536, 1537, 1541, 1542, 1566, 1593, 1594, 1642, 1659, &c. Hydrargyrum, 1527, 1566, 1596, 1606, 1642, 1649, 1673, 1684, 1698 (2), 1717, 1727, 1732, 1747, 1752, 1755, 1756, 1758, 1762, 1764, 1765, 1766, 1768, 1769, 1770, 1772, 1773, 1774, 1776 (2), 1777 (fumigation), 1778, 1780 (iatraleptically), 1781, 1782, 1787, 1788, 1789, 1790 (2)

1792, 1798, 1801, 1809, 1812, 1814 (2), 1815 (2), 1818 (2), 1819, 1820 (2), 1821, 1823, 1824 (Ether mercuriel), 1824, 1825, 1827, 1828 (2), 1833, 1837, 1840, 1845 (mercurial vapour-bath), 1847, 1851, 1852 (fumigation), 1852 (mercurial frictions), 1855 (inunction), 1857, 1858 (4), 1860 (2), 1863, 1865, 1866 (2), 1868, 1869, 1872, 1874 (3), 1875 (fumigation). Ptyalism, 1668, 1710, 1723, 1750, 1765, 1780, 1793, 1817. Calomel, 1824, 1846, 1872 (hypodermically), 1873 (ditto), 1874 (ditto), 1875 (fumigation). Cinnabar (fumigation), 1780. Hydrarg. corrosivum sublimatum, 1762, 1763, 1764, 1767, 1771, 1774, 1775, 1780 (2), 1801, 1826 (inunction), 1869 (hypodermically), 1871 (ditto), 1872 (ditto), 1873 (2), (ditto), 1874 (2), (ditto). Hydrarg. oxidum nigrum, 1801. Hydrarg. oxidum rubrum, 1808, 1818, 1830, 1831. Iodine, 1840, 1843, 1845 (2) (Iod. of potassium), 1845 (other preparations), 1848 (Iod. of potassium), 1859 (ditto), 1860 (ditto), 1865 (ditto). Iodoform, 1871. Juglans regia, 1795. Lobelia syphilitica, 1782, 1791. Mikania Guaco, 1861, 1863. Nitrous acid, 1796, 1798 (2), 1800, 1802 (2). Opium, 1781, 1785, 1788, 1792, 1835. Oxygen, 1798, 1802. Potassæ bichromas, 1866. Potassæ chloras, 1798. Saponaria officinalis, 1756. Smilax aspera, 1652, 1689, 1813. Smilax China, 1542, 1548, 1553, 1642. Smilax officinalis (Sarsaparilla), 1563, 1593, 1594, 1642, 1782, 1803, 1823, 1826. 1841. Solanum Dulcamara, 1771. Sulphur, 1867. Water, 1853.—*Neonatorum*. Special Therapeutics, 1854 (Putegnat). Hydrargyrum (lavemens mercuriels), 1822.

Syphilitic Diseases of the Skin. Caustics, 1875. Aurum, 1828. Hydrargyrum, 1815. Mercurial baths, 1852 (ditto). Hydrargyri corrosivum sublimatum, 1764, 1766. Zinci chloridum, 1875.—*Of the bones*. Clematis erecta, 1777.—*Nodes*. Veratria, 1834.

Tubes mesenterica. Purgatives, 1805. Ferri iodidum, 1834. See also *Glands, affections of*.

Teeth, affections of. Acetum (vapour), 1772. Hydrargyrum (ill effects of), 1845. Saccharum (sugar as a cause of), 1862. Water, 1840.

Tetanus. Anæsthetics, 1848, 1855. Purgatives, 1805. Ammonia, 1866. Atropa Belladonna, 1848. Cannabis sativa, 1839. Chloral, 1870, 1871 (2), 1874 (2) (see also Addenda, p. 808). Chloroform, 1855. Datura Stramonium, 1777. Eserine, 1875 (2). Hydrocyanic acid, 1825. Hyoscyamine, 1873. Nicotine, 1856. Opium, 1794, 1810, 1831, 1874. Physostigma venenosum, 1863, 1867, 1868, 1871. Potassii bromidum, 1872. Rhus radicans, &c., 1799. Tabacum, 1610. Water (hot baths), 1874.

Throat, affections of. Inhalation, 1830, 1837, 1839, 1853, 1855, 1862, 1869, 1871, 1873, &c. Topical applications, 1851, 1854, 1860, 1863, 1866, 1872. Quinine (as a gargle), 1875.

Tic Douloureux; also *Facial neuralgia*. Special Therapeutics, 1873 (Corbetta). Purgatives, 1841. Aconitine, 1835. Aconitum napellus, 1845, 1855. Atropa Belladonna, 1818. Bebeerine, 1845. Ferri carbonas, 1820. Strychnia, 1835.

Tinea capitis. Carbo vegetabilis, 1804. Conium, 1761 (2). Guano, 1852. Ledum palustre, 1775. Terebinthina, 1699.

Tongue and Tonsils, affections of. Iodine, 1839.

Toothache. Special Therapeutics, 1873 (Corbetta). Aconitum napellus, 1845. Tabacum, 1642.

Trachea, affections of. Inhalation, 1830.

Tracheitis infantum. See *Croup*.

Trembling, mercurial. Hydrargyrum, 1818, 1857, 1872. Hyoscyamine, 1873. Iodine (Iod. of potassium), 1867.

Trichina. Special Therapeutics, 1864 (Besnard).

Tuberculous Disease. Alcohol, 1859. See *Scrofula*.

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CORRIGENDA.

Page 19, bottom line, *for* clinique, *read* chimique.

- „ 126, eleven lines from bottom, *for* Tiechmeyer, *read* Teichmeyer.
- „ 206, twenty lines from top, *for* Zannichelli, G., *read* Zannichelli, J. J.
- „ 217, eighteen lines from top, *for* Absinti, *read* Absinthium.
- „ 221, eleven lines from bottom, *for* Muscarius, *read* Muscaria.
- „ 228, top line, *for* Boulton-Charland, *read* Boutron-Charland.
- „ 260, seven lines from bottom, *for* arsèneux, *read* arsénieux.
- „ 370, nineteen lines from top, *for* Paulli, F., *read* Paulli, S.
- „ 378, thirteen lines from bottom, *for* venerum, *read* venenum.
- „ 390, twelve lines from top, *for* Phellandrum, *read* Phellandrium.
- „ 394, three lines from bottom, *for* topilogici *read* tossilogici.
- „ 396, five lines from bottom, *for* 1853, *read* 1753.
- „ 446, twelve lines from bottom, *for* Moralla *read* Morella.
- „ 454, four lines from bottom, insert full stop between the words Sancto and Bonon.
- „ 462, seven lines from top, *for* Blutigels, *read* Blutegels.
- „ 475, seven lines from top, *for* Nevison, A. S., *read* Nevinson, R. S.
- „ 507, eleven lines from top, *for* Guy-Lussac, *read* Gay-Lussac.
- „ 510, twenty lines from bottom, insert full stop after “physiologisch,” and commence the next word “untersucht,” with a capital.
- „ 549, twelve lines from top (and also page 550), *for* Cammerarius, *read* Camerarius.
- „ 556, four lines from bottom, insert full stop between the words “debere” and “Formulæ.”
- „ 572, nineteen lines from top, *for* Groffrææ, *read* Geoffrææ.
- „ 585, two lines from bottom, *for* funestrum, *read* funestum.
- „ 621, sixteen lines from top, *for* 1542, *read* 1842.;
- „ 680, fourteen and sixteen lines from top, *for* Siambra, *read* Simaba.
- „ 740, sixteen lines from top, *for* Frascatorius, *read* Fracastorius.

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